

u1a2.seq Length: 601 February 28, 1996 18:00 Type: N Check: 7046 ..

1 GAATTCGAAG AAGTCCTTCA GTATCTTCAC CAGAGCCAAC TGAAGAAGTCA
51 AGGTCTTCAC GGAGGAGGCG CTCAGTTTCT TCTCCCGTA CCAAGACAAC
101 TTGAGGAGA GGACGGTCTC CTTACACCAA ACCTCGTNGG ACTCCAAGA
151 TCCVGATCCC GCTCAGGAG AGAGAAAMCC AGAACAANCC CGACGCAGAG
201 ATAGATCTGG ATCATCTCAG TCAACATCTC GAAGAAGACA GAGGAGCCGG
251 TCTAGATCAC GAGTTACTCG GAGACRGAGG GGTGGCTCTK GTTACCATTG
301 AAGATCACTT ACCAGACAGG AGAGTTCTCG AACCTCTCTT AGACGCAGAA
351 GAGGCCGCTN CCCSGACACC CTTGACCAGT CGGAAGOGAT CTGATCAAG
401 AACATCAACCA GCTCTTGGGA MCGGCTCTAG ATCTSGAGCC TCACCAGCTA
451 CTCATSNNGC GGTCCAGGTC MAGAACACCA CTGATAAGCC GACGTAGGTC
501 CAGATCTCGG ACCTCACCTG TGAGTAGGAG ACGGTCAAGG TCAGTGAATA
551 GCGGTAGATC TCGATCAAGA GCATCCCCAG TGAGTCGAAG GCGATCCAGG
601 T

u1a4f.seq Length: 243 February 28, 1996 18:08 Type: N Check: 8620 ..

1 GAATTCGITA TATTTTAAAA CTGCTACTTG TATAAATCTT TCCCAAATAC
51 CGTGGGTTTT GTGCATAGTT TTTACAGATA TGGATTAGC AGACTGTCTT
101 TTCACTGTIA TGGGTTTTTT AGAAGTTGAG CATTTTATG GCTGATAAAG
151 TGAATGTTAC TTCTAAGTGC TCACTTCTTT TATCAGAAGT GACCTCAGT
201 CCATTGTGCT ACSTTAGCTT GCCTCTTTGG TAATAATKCG KAG

u1a4r.seq Length: 209 February 28, 1996 18:10 Type: N Check: 573 ..

1 GAATTCATCG CACAAAAACC CTGGTATGAA GTCACCTTCC AATGGAATTC
51 CAAAGCCTAA GGATGAACATA TCCTGCCTGA TAAAAACCAA CAGCTGGCCT
101 GATCGCTCAG AACACCTGTG ACATGTCCTC CCTAGAMGGG ACAGAGTGT
151 AGTTTATGTT TGNKGTGTG TGGACTAWYT KGKTACTACC TTTAGAGCAA
201 CTGATKTAT

FIG. 1

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ua1a6f.seq Length: 357 February 28, 1996 18:12 Type: N Check: 2108 ..

1 GAATTCGGGG TGTCCTACTG ACTGATATTC ATTTGATTTT ATTCATTTGG
51 ATTCATACCT CACTGTCATA GCCGCAAAWT TTATTTAAAC CATGNCCTTB
101 CCMGATGCTA GGTGAGATCT ACYTRGTGAA CTTAAWWAAM GCAGACTGGG
151 ACCTAGGAAA ATTCACCATT TTCATTGTAA TGTTCTCGGT TTTGCCPTTA
201 TCCATAGAAA AGTGGGCTCT TGGGAATGAT GAGGACACTG AGGGGTGGAG
251 GATACMAACS GAAAAGCTCA TGGAGATAGA GTKCAAGCAG AGAGTGTGGG
301 TGCTYAAATA CTCAAGAGAT TTAATTAAGT CTCGCTCTCA AWTGCTATAA
351 GTTTAAA

ua1a6r.seq Length: 331 February 28, 1996 18:14 Type: N Check: 8095 ..

1 GAATTCGGCC AAGGCCTGCG CAGCTGCTGA AACTGAGAAG GAAGCGGTGC
51 CGGTCCCACT GCAGGAGGTA GAGATCGATG CTGCTGCAGA CTGAGTGGG
101 CCTCAGGAAG TAGAGAAGGA GGAGNCCCA GGCTCCAGG ACCCGAGCA
151 CACAGTGACC CANTGGCCTG GNAGAAGCGG GAAGCTCCAG GRACMSITAG
201 CAGTKCTGCTY KDARGGSCNN YAAGGAMCCT NCYYGTCYCY CCCANGGATT
251 CAGNGAGNCA GTTCCAGARA AAATYCTGTA CAGTKTACAC ACGGTGTSCA
301 TATCGTGGAG ARACTACAT CTCTGTGCGC G

ualb4f.seq Length: 331 February 28, 1996 18:15 Type: N Check: 6292 ..

1 GAATTWGCAG AGAAACCTTC TTTAAATGAG ACTCAGAAGA TGGGTGTAGG
51 GCGGTGCCA ATGTGGCTGA GTTCTGTGTT TGGAAATGTG TTGCTGATGC
101 ACATGATGAA AGAAGAGCCC AGATGACCCT AACTCTTTCAG GAAAWDCAAC
151 CATCTATATC AGTCTTATCT CTGCTCTCAA AATGCTCTCA GAGAGTAAAM
201 MMAAATGGCC CTNNGGTATA CNYCTCTCCG TTTTGTTTTT TTAAGRWGT
251 CCTAGKAATT TTTNAAAAG KGCAAAAGRT GTKTYTGTAG ATTTYCTTTT
301 YAATTYTGGG TGTCAGTGTG TGDGTGTTTG T

09333797.08204
102280.266666

ualb4r.seq Length: 427 February 28, 1996 18:15 Type: N Check: 1093 ..

1 GAATTCCTTG CAGGCHGCTT GVGGKVCNAC CNTTCTGAGA GCCAGAAAAC
51 TGCTCTCAGN TACATTCTTG GCAGCTCCTG ACCCTGAGCC TCTATTACAA
101 TTCTCTCACA AAACGGGCGA GGCTCAAAAT GAAAAGGAAA TAAAAGAGAC
151 CACAATAAAA TTGCTAACAT ACGGAGTAAC AGAGTGATCT GTGACACAAT
201 TCTGCTCCAT GTTTTCTCTT CCTTCAAGG ACAGCTGGGC AGCCACTGAG
251 GCCTGTGGAC AAGGATCCAT GATCATTTCC AATGPTCAGA GAGTCCAGCA
301 ACCACCAGGC, AAGGGCTGTT GGCACYTAGG AATGGGTCTG CTTCATGTC
351 AAGGGACCAA TGTGCTCCTA CAAAACATCAT TTCTACTGAA ATGTCATCTT
401 CTGAACHTTG GGAAATAATG CMCTAGA

ualb5.seq Length: 520 February 28, 1996 18:16 Type: N Check: 8570 ..

1 GAATTCGGGC CGTGCTCCGT CCTTCGCTCC KTGTYCCGTC ASRCACGTGTG
51 AGGGSTCAGC GWGAGGTCGG TGGGGTTAGG NAACGGGCG GCGGCGGCGG
101 CGGCGGCGGC GGCTCTCTCT CCNAAGATCT GAGCAGGGTG CCAGAACAGG
151 NATGTACACG CTGCTTTCGG GATTGTACAA GTACATGTTT CAGAAGGATG
201 AATACTGCAT CCTGATCCTG GGCTTGACA ATGCTGGGAA GACGGTAGGT
251 CCTGCTCTC TCACCAGTTC CCATTCCCTG CTTGATCTAA NCCCCGCCCC
301 CAAGGCTACA GGTTAGTAGT CACCAGCCTC CTGAAGATCA AGCCACAGGS
351 AGAGGCGTGC ATGGCTGCAT NGGGTGTGAA GGGATAGGTG GGAAGGACAC
401 CAGAAAACFA CTCTAGCTGC TGCTATCTNA MCCCCCTCTC TTTTTCCTT
451 CAGACTTTCC TGGAACAGTC AAAAACACGC TTTAACAAAG ACTACAAGGA
501 ATTCCACCAC ACTGGCGGCC

09933797.082201

ualc1.seq Length: 465 February 28, 1996 18:17 Type: N Check: 4694 ..

1 GAATTCGTGT AATGCACCTC TGCCTCCAGC GAAAGAACAA GAAATGAAAG
51 AACCTCCTTA TTCATCTGGC TACAATCAAA ATTTTACTTC ATCAAGTACA
101 CAGACAGTAT CCCAATGCCA GCTCCAGCT GTACACATAG ACCAGACAAC
151 TCAGCCTCCA GAGACTGGTA TGACCTCTGC ATATATTCTT TATAAGTACC
201 ACATGCCAAC TTKGTGCTTT ACTGGAGTAC CCTCTATAGS CCYTCTGAAA
251 ACTTAGACAG KAGCCTTTCA AGKAAACART CTGTAGTGCC CYTACARCTG
301 TRAATACTTA TCTCTTTAAT GTNTTGTCTG GKAGAAAGAC ATTTTGTATG
351 ATTTTCCTCC ATTTAGTTAA GTTTACCTCT AGTGGAGAAT TAGTTAAACC
401 ACTTTGGCTC CTGAAGGGTC TCATGTGCAT ATGCGCTGTA CTCTYCCAAG
451 AGCDNIGTGG ATTCT

ualc6f.seq Length: 541 February 28, 1996 18:19 Type: N Check: 5203 ..

1 GAATTCCTTC CTGTAAGGCT ACTTTTCTTT TTCTACTTC CTTTCCAGC
51 AATTCATAGT TAGGCTTTTT CCTGGTATAA AGTCTAAGCG TCTCTATGCA
101 GATTTCCTGA ATCTCCTCTT CTGTGGTACC AAACAGAAGA AACCAATGGG
151 GCCGAGTTGG CAAGGGAATT TGAAGTGCTC TAGCTGCAAG GTAGATACAA
201 GCACATGCTA TAGTCTCTGG TTGAAAGCGA ACAAAGACAT TGGTTCGAAG
251 ACTGTCAATC ATGTAATCC AGGCAGTTTG AACCAGGGTT TGGTTACGTT
301 CACATTCTAA GACTTGTAAG TACATTACAA TGATCTTATG GGGATGCTTG
351 ACATGAACAC AAAATCCCAA CTCCTTTAGC ACCCTCCTCT CTGCTTGAT
401 AACTTGATTT TTGGTGTTAA TGTAGTCTG ATCAAGGATC AGGGGGCTTG
451 GAGTCCYTTT TCCYCTTAAC TGGGGAGGT GGTGGAATAC ATTAATCACA
501 TCTCTWATTC TTTTGGGCGC TTCTTCGATT TTTGACSCAA G

09933797-082201

ualc6r.seq Length: 330 February 28, 1996 18:20 Type: N Check: 5856 ..

1 GAATTCGCTG CGTCGGGCGT GCGTGGAGCT CGCTGGAAC TGGGCGTCCG
51 GGCTCACCC GAACTCGACC GCTGCCGCCG CCGCGCCCGC TGCCGCTCC
101 GCTTCGTCCG CGCCCCGAG CGCGGGCGGC TCCAGCTCCG GCACGACCAC
151 CACGACGACG ACCACGACCG GAGGGATCCT GATCGGCGAC CGCTGTATT
201 CGGAGGTGTC GCTCACCATC GACCACTCGC TGATCCCGGA GGAGCGGCTC
251 TCGCCTACCC CGTCCATGCA GGACGGCCTG GACCTGCCCA GCGAGACGGA
301 TCTKGCATC TTGGGSTGCG AGCTCHATCC

ualc6f.seq Length: 541 February 28, 1996 18:19 Type: N Check: 5203 ..

1 GAATTCCTTC CTGTAAGGCT ACTTTTCTTT TTCTACTTC CTTTTCACG
51 AATTCATAGT TAGGCTTTT CCTGGTATAA AGICTAAGCG TCTCTATGCA
101 GATTTCCTGA ATCTCCTCTT CTGTGTACC AAACAGAAGA AACCAATGGG
151 GCCGAGTTGG CAAGGGAATT TGAAGTGCTC TAGCTGCAAG GTAGATACAA
201 GCACATGCTA TAGTCTCTGG TTGAAAGCGA ACAAGACAT TGGTTGGAAG
251 ACTGTCATTC ATGTAATTCC AGGCAGTTTG AACCAGGCTT TGGTTACGTT
301 CACATTCTAA GACTTGTAAG TACATTACAA TGATCTTATG GGGATGCTTG
351 ACATGAACAC AAAATCCCAA CTCCTTTAGC ACCCTCCTCT CTGCCTTGAT
401 AACTTGATTT TTGGTGTTAA TGTAGTCTG ATCAAGGATC AGGGGGCTTG
451 GAGTCCYTTT TCCYCTTAAC TGGCGGAGGT GGTGAATAC ATTAATCACA
501 TCTCTWATTC TTYTTGGCGC TTCTTCGATT TTYGACSCAA G

09933797.082201

ualc6r.seq Length: 330 February 28, 1996 18:20 Type: N Check: 5856 ..

1 GAATTCGCTG CGTCGGGCGT GGTGGAGCT CGCTGGAACT ATGGCGTCCG
51 GGCTTCACCC GACCTCGACC GCTGCCGCG CCGCCGCGC TGCCTCTCC
101 GCTCGTCCG CCGCCCCGAG CGCGGGGGC TCCAGCTCCG GCACGACCAC
151 CACGACGACG ACCACGACCG GAGGGATCCT GATCGGCGAC CGCCTGTATT
201 CGGAGGTGTC GCTCACCATC GACCACTCGC TGATCCCGGA GGAGCGGCTC
251 TCGCCTACCC CGTCCATGCA GGACGGCCTG GACCTGCCCA GCGAGACGGA
301 TCTKCGCATC TTGGGSTGCG AGCTCHATCC

uald2.seq Length: 530 February 28, 1996 18:21 Type: N Check: 8702 ..

1 GAATTCGGGG GGTCTTCCTG CTCTTGAAGC ACTGGGTGGA ACGGGGTCC
51 AGTAGCCGCA CTCAGCCTTA GGTCTGCAT CCCATTAGGT TTCTAGGCT
101 GCAGGGGCTG CAGGACCANG GGCCATGNGC TCCNTINACT TGACCTGCA
151 GCTGGGTGTM AGANAGTCCT GTKNGGTTCN CACCTVMAGG GGATGTYCCT
201 ACCMACNTTN CACCTKCTCA AGNCTYCACT GTCTGGGGCC TGTGNGCTCT
251 CNCAACAGCT TCTTCCTCC TTGCCCCTC GTGTCAGCCA GCAGCCTTGC
301 CAAGIGTTTG TTWATTWAT ACTTTGTGNT TTTTGAGACA GTCACATCAA
351 GGTGAACTT AGAACCCAAG ATCCNYACTG CTATCACCCC CTGAATACTG
401 GGGNTTCNA GNGTGTNNNN CCTGGGNTCC MANNCTCAG GACNACNNNN
451 CTTASVNNAG GATANCOGTA TCACTNCTT GGSNCCATC CCTTTTTC
501 CCACTACANA GDAAGNNNNN NCCCGAWYTC

09933797.082201

uaid4.seq Length: 537 February 28, 1996 18:22 Type: N Check: 2448 ..

1 GAATTCCTTG CTGTGACACA TTTTTCCTAG TAAGTGTAC TCTTCAATC
51 AAAACCCCTA TACCAATGGA GCTTAATTTA GGTAGTGAAT TAGTTCCTAA
101 ATAGATCAGT GATTGTGAAC AAGGCAATAA AAAGAAAACC TCTAATGGTA
151 TCAAGTGTTC CCATAAGTAC TTTGTATACA TGTGGATGTG TGTGGTGTG
201 CATGCACATA TGTGTGCATG TGTGTGGATT GCGAAGGACA GCCTTTGGTG
251 TCATTCCCTCA GGTGGTGTCC ACCTTGTTTT GAAGAGATAG GAGTGTCA
301 CTGAACCTGC AGCTTGCTGA TTCAGAGTAC CAGGACATG CCTGGCTTGA
351 CCTTCCTAAC ACTGGGATCA CAAGGAACCT TCGTCAGCAG GTCTTGCHTR
401 KWTGAAATAG TTGAGAGGGA CTGCACTCOG ATCTTCACAC TTGCACATAA
451 TGCATATTGC CAAATGGCCC ATCTCCTTGA TCCTCACTGAA TAAAAATTTT
501 GACTAATTC TCAAAATAAT TACAGCAGCC TGAATTC

uale1f.seq Length: 302 February 28, 1996 18:22 Type: N Check: 8430 ..

1 GGAATTCCTT GCCTCTGTAA CTCCTTBACC CAATTCCTAG CCCGTGCAAA
51 TGTATCTGTG TTGGTGATGT CATAGACCAC AATGGCTGCT TGGGCCCCCG
101 ATAGTACATC GGGGCCAGGC TGTGATAGCK CTCCTGGCCA GCTGTGTGCC
151 AGATCTCAA CTTGACCGTT GTATCGTCTA AGCAGACAGT CTGTGTGAGG
201 AAATTTGCTC CAATTGTGCT CTYCTGGTAC TCATGGAACCT KCCCTTKAC
251 MAAGCGGAGG DCCAGGCTGG ACTTTBCCAC GGCAGTTTCK TCCAAGAGGD
301 CC

09933797.08204

ua1e1r.seq Length: 312 February 28, 1996 18:24 Type: N Check: 8164 ..

1 GAATTTCGTGG AAGCCCCGGC CCAAAGTAAC GCTGCTGCCC GGAGCCGGGT
51 TGGAGGCCTC CCTTCCCATT AAGTYGCCTC TTTAGCATAG CACCGGCCCC
101 ACCCCCAAGS TCACTGGTAC TACTACAGAG CAGCKGCCA TGGCGGGTCC
151 GAGGAGGTGC AGCACAAGCC CAATGGACCA GCTTGCTGGC AACAAATCT
201 TGTCAATTA AGCTTGGKCC TCTTYGGGCG AGTCTKCCGT TRGGCAAGKB
251 CARCCTGGTY CTCCTCGCTT GTCAAGGGGC AGTTYCATGA GTACCAGGAG
301 AGCACAATTG GA

ua1e1f.seq Length: 302 February 28, 1996 18:22 Type: N Check: 8430 ..

1 GGAATTCCTT GCCTCTGTAA CTCCTTBACC CAATTCCTAG CCCGTGCAA
51 TGTATCTGTG TTGGTGATGT CATAGACCAC AATGGCTGCT TGGGCCCCCG
101 ATAGTACATC GGGGCCAGGC TGTATAGCK CTCTTGGCCA GCTGTGTTC
151 AGATCTCAA CTGACCGTT GTATCGTCTA AGCAGACAGT CTGTGTGAGG
201 AAAKTTGCTC CAATTGTGCT CTYCTGGTAC TCATGGAAC TCCCTTKAC
251 MAAGCGGAGG DCCAGGCTGG ACTTTECCAC GGCAGTYTCK TCCAAGAGGD
301 CC

ua1e1r.seq Length: 312 February 28, 1996 18:24 Type: N Check: 8164 ..

1 GAATTTCGTGG AAGCCCCGGC CCAAAGTAAC GCTGCTGCCC GGAGCCGGGT
51 TGGAGGCCTC CCTTCCCATT AAGTYGCCTC TTTAGCATAG CACCGGCCCC
101 ACCCCCAAGS TCACTGGTAC TACTACAGAG CAGCKGCCA TGGCGGGTCC
151 GAGGAGGTGC AGCACAAGCC CAATGGACCA GCTTGCTGGC AACAAATCT
201 TGTCAATTA AGCTTGGKCC TCTTYGGGCG AGTCTKCCGT TRGGCAAGKB
251 CARCCTGGTY CTCCTCGCTT GTCAAGGGGC AGTTYCATGA GTACCAGGAG
301 AGCACAATTG GA

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09933797.08294
uale1f.seq Length: 302 February 28, 1996 18:22 Type: N Check: 8430 ..

1 GGAATTCCCT GCCTCTGTAA CTCCTTBACC CAATTCTTAG CCCGTGCAAA
51 TGTATCTGTG TTGGTGTATGT CATAGACCAC AATGGCTGCT TGGGCCCCCG
101 ATAGTACATC GGGGCCAGGC TGTGATAGCK CTCCTGGCCA GCTGTGTYCC
151 AGATCTCAAA CTTGACCGTT GTATCGICTA AGCAGACAGT CTGTGTGAGG
201 AAAKTGTCTC CAATTGTGCT CTYCTGGTAC TCATGGAAC TCCCCCTKAC
251 MAAGCGGAGG DCCAGGCTGG ACTTTBCCAC GGCAGTYTCK TCCAAGAGGD
301 CC

uale1r.seq Length: 312 February 28, 1996 18:24 Type: N Check: 8164 ..

1 GAATTGTGTG AAGCCCCGGC CCAAAGTAAC GCTGCTGCC GGAGCCGCGT
51 TGGAGGCCTC CCTTCCCAT TAACTYGCCTC TTAGCATAG CACCGGCCCC
101 ACCCCCAAGS TCACTGGTAC TACTACAGAG CAGCKGCCA TGGCGGGTCC
151 GAGGAGGTGC AGCAGCAACC CAATGGACCA GCTTGTGGC AACAAAGTCT
201 TGTCACTTTA AGCTTGGKOC TCTTYGGGCG AGTCTKCOGT TRGGCAAGKB
251 CARCCTGGTY CTCCCGCTTT GTCAAGGGGC AGTTYCATGA GTACCAGGAG
301 AGCACAATTG GA

uale3f.seq Length: 310 February 28, 1996 18:26 Type: N Check: 394 ..

1 GGAATTGCGC GCTTTTTTTT TTTTAATTCA AAACATTTGA CTTTTTAAAG
51 GAAAGGATGT CACAGTGCTC TTATAACCGA GATAATGAAA TCTTAGCTTA
101 ATTTTGTGCA AGAATTAAGG TACTTGAATT GATTAAAGCA CAGATGTGTT
151 TGGTCTAAAA GGCTGTATTT TGTCTGCTTT TTCACAAATC TATGGAATTT
201 GATTTCGCCA TCTTGCACTG TGCTTAGCKC CCAGNTCCC CAAGTTCTAG
251 AATTCTGGAA AGADCCTTCA TGTATGGAAT GTCTTCTGTK CAGAGGAGGT
301 NCTCAGCATA

102280.763330
uale3r.seq Length: 392 February 28, 1996 18:25 Type: N Check: 5098 ..

1 GGAATTCCTG ACATCTGATC AGGAGTAAAC AGCACACAAA GGGAGTGTTT
51 TAAAGGTTY CTGCAGTGTG AAACAACTG TGTCTAAGTA CAAGGGCTCT
101 GGAATTACAA AGTTTACAAA GCAGCTCTAC CACGCTCTCA AGGCCAAAAT
151 AGATGCCCGG AAGAGGGAAA GGGGCAAGAG AGCTGTCCGA AGCAGTACAC
201 CAGCTTAAGT GACATGAAAT AACTTGGACA AGGTTCAAAC TGAGAGACTG
251 CAGTTGAGAT GAAGTGGGAA AAAATATTTG AATTCACTCC AATAGAGTTC
301 ACAGAACACC ACCTTAAYCC TGCATCCCTT BCCAAAATGG AAACAAAGTT
351 GIWTCAAA AW MTCCAGTTCA TCCAAGGAAT CCAACATSC TT

uale5r.seq Length: 148 February 28, 1996 18:27 Type: N Check: 9069 ..

1 GGAATTCAAA TAGTGGTTGT YCTTTAGATG GAAGATGTGA GTCAAAAGCCA
51 AGGTCGCTCT CTCTGGAAGT CAGTGAGTAG CAGGGACCAG AGCGTATTGC
101 TGCAGTATAG ACTGAACGGA AGGAAAACCA CTGCYCAGGG KGCCGKKG

uale6f.seq Length: 382 February 28, 1996 18:28 Type: N Check: 6413 ..

1 GGAATTCTCC GACCGTGCGG ACTTAAGATG GAGGCAC TTC CTGTCTKCGG
51 CGGGAAGAGA AGGCTCGGTC GGAGCCGGGA ATGCTGGGAC TTGTACGTCC
101 GCCCGTCACG GCCGCTGCCC CCAGCGACGT CACCCACACB NGCAGAGCG
151 GACGCCGCGG TCAAGATGTC TCTGCCATGC CCACGGGACG CACGGACGCA
201 CGGACGGACG GACGGACTCC ACAAGGKAGG AAGCCTGCBC CGGAGCGCAC
251 CGGBCGACCC CACCACAGCA CACAGGACAC ACGCGGGCCC BBSCCCCGCC
301 CAGGCACACG CGGBACACAC GGCAACACB GGCMAAGGCAG GCCAGGSCAC
351 MCGCAYCKCC AGGACCCBC CTGCGMCCC CC

uaf6r.seq Length: 166 February 28, 1996 18:28 Type: N Check: 5755 ..

1 GGAATTCCCC GGCTGAGCG GCGCTTTTTT TTTTMTTTT TTCCATTCA
51 ACTGCAATTT TATTGAGGG GACATGTCTG TACGCAGTCA GGCCCTGTTG
101 GCGTGCTCCT TCCTCOGTGA GAABCGCTYC GTTCTGKKCG GCCTCDGCGG
151 ACTMCGGCA CCTTGT

uaf1r.seq Length: 206 February 28, 1996 18:30 Type: N Check: 919 ..

1 GGAATTCGCT GACCGCATGC AGAAGCCACC ACACTTTTAT ACAGGTTTAT
51 ACAGOGTYKK CAATCAAAC CTAGACAGGC ACCTACACCC AAKCTCAAA
101 GTATTTTAA AATKCCACA AAATTCAATT CTTWGAATT TCTCTTAGAC
151 ACTGTTCAAT TTAAATTTTT TKCAATKGGG ACAGAACCTG GGGCTTTGTG
201 TTTGTT

uaf3f.seq Length: 305 February 28, 1996 18:31 Type: N Check: 1718 ..

1 GAATTCCTGG TGTACACTCG AAWTTKBTG RGVMAAAGG AGAGGACTCC
51 AACAAAAGGT TCTAAATGCT GTTTGAAAKC TGCCAGGSGT ATTCTCTTAT
101 CAACATGCAC CATCAACCAT TTGTGTCCTT YYYCAGAGCC TTCACTCKCW
151 GBTGTAGGGG TCNKCTTTGA AGTACATGTA CTGCATGTYC CCCCCTTTTT
201 TKCACTCTC GGTCATATTC ACTGTCAGTC CCAGAGTCTT CTTYWGCTGT
251 GTYCCAGGKC TCCYTTTTTC CCTCGGTGCG TTTAGKTCTT CTACTACTG
301 TGACT

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ua1f3r.seq Length: 288 February 28, 1996 18:32 Type: N Check: 1699 ..

1 GAATTCGTTG GWKTNMTCTC CTCCTACTTC AAGGTTTTAA ATGCTGTTTG
51 AAAGCTGCCA GGGTGATTCT CTTATCAACA TKWCACATCA ACCATTGTGK
101 TTCTTTYCCA GAKCCTTCAT YCGCWGTGTA GKGTCAGCT TTGAAGTACA
151 TGTACTGCAT GTCCCCCCTT CTCCTKCYAC TCTTYGTTC AATTGCGACT
201 TCTGWTCCAG ATWWTCTTCW GTCYGAGGGW CTTYTCTKTC TCAGATGTGA
251 ATWWATGDTY SGAGTACAAG GTTCKGGTAG ACAGGTGA

ua1f4f.seq Length: 249 February 28, 1996 18:33 Type: N Check: 9625 ..

1 CCAGCTCAGG AAGAGCCTCT CCACACGGGT CAAAGGGCAT CTTTGATCAG
51 AAGCCTTCTC AGGTCTCTT GTYCTGCTCT GGDGYCCTC AGCTGTCTGC
101 AGCWCCACAC AGACACTGTC CATTGCTGTC TGCCATGCTT GTCTTTATGT
151 CGTGTGTTTC TCGTCCCTRA VPTCAACCTA TKNCNCCCTT CCTAACACAA
201 TGACTACCTC ATKTYTNCTT CAGACCATAG TGRGACCCCT RGGTTCCCA

ua1f5f.seq Length: 288 February 28, 1996 18:34 Type: N Check: 1702 ..

1 GAATTCGTTA TATTTTAAAA NCTGCTACTT GTATAAATTC TTTCCTCAAT
51 ACCGKGGGTT TTGTGCATAG TTTTACAGA TATGGATTTA GCAGACTGTC
101 TTTTCACTGT TATGGGGTTT TTTAGAAGTT GAGACATTTT TATGGCTGAW
151 WAARGTGAAT GKTACTYTTCT TAARGTGCTC AACTTCTTTT ATCAGGAGAK
201 GAACCCYCAG KTCCATTGTG GCYAACGTTA GGCTTGGCCT CTTTGGTAAT
251 AAWTGCCTAG BTCTYKATT GAACNGCTAG GATTAGGC

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uaf16f.seq Length: 355 February 28, 1996 18:35 Type: N Check: 4951 ..

1 GATTTCGAGA GGTGGTCCCT CGGATGGCTC TCCCTGCTCA CATCCGGAAG
51 TTCAAATATT GATGCTTCCH CCCCCCCCCC CCACNNBTCC AGACTTTTCAT
101 TTCTCTCCG GTTGGACAC AAGAGAGAGA GAGAGAGAGA GAGAGAGAGA
151 GAGAGCGCTA CAGAAATTGT TTACAAACCA GAGAACTGTT CATTAAGTGA
201 AAACGTTAGG SAGCACATGT TCCGCAGAAG ATAACAAAAT AGATGGSGKA
251 AATAGTGTAG TCGGTGTOGA AGCAATATTA AWCTDTKCCT ATTCCCVGCT
301 AAATAAAGTK AAGCCACGA TTTTITGTTT TTGAGATCTC TATGGRKGTA
351 TGGAG

uaf16r.seq Length: 391 February 28, 1996 18:36 Type: N Check: 7489 ..

1 GAATTCCCCC AGAAAATATA AGGATGCCAT ACACATTATA ATTCTAACAC
51 CATTGATTAA AAAAAAAAAA AAAGGAAAAA ATGCTGCCAT TTTAATGGCA
101 TTTTCTCATC AAAATCAACG TGTGCTTTTC ATATTTCAAA ATAAGGCATT
151 ATATGCTATT TCAAAAAAAAA ATTTAAGACC AAAAGTACAT GCTTACTTTT
201 AGAAGCATGT ACATTTTTTA AAAAGGATCT ATTCACTTAG CAAATGAGTG
251 TTGTGAAGAG CTGCTCACTA AAAGCTAACT GTAGTTAAAA GGTATATAG
301 TGGCATTTTC AAGTGACAGG AATTCAAMT TTACTTTTTTC CAAAGGATTC
351 CACAAGTGCA GTAGTCACT AGTGTACCCY SCTGAAGTCT G

ualg2f.seq Length: 276 February 28, 1996 18:38 Type: N Check: 1548 ..

1 GGAATTCTCC GACCGTKCGG ACTTAAGATG GAGGCWCTTC CTGTCTCKGG
51 CGGGAAGAGA AGGCTCGGTC GGAGCCGGGA ATGCTGGGAC TTGTACGTCC
101 TTTGKTCAK KBYKNSCCC CCAGCGACGT CWCCACACK KCKCAGATTY
151 SGACTYYGCK GTCAAGATGT CTCTGCCATG CCCACGGGAC GCACGGACGC
201 ACGGACSGAC GGACGGWCTC CACMARGSTA GGAAGCCTTC TTGAKCTBA
251 MCTTYGSTWC CAACACAGCA CACAGG

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102280.76233660

ua1g4r.seq Length: 330 February 28, 1996 18:38 Type: N Check: 506 ..

1 GGAATTCCAT GATTGTTGAA CTACTGGGTC AAAACTCAAA TGAGGTGAAT
51 TTGCCTTTAA AGGACTTACT TATGCTAAGA ACCAACTAAT AGCCGTGAGA
101 CAATCAAGTC ATAGCTACCA GTACAAGTAG AGCAAATATT TATCCATTTA
151 GCTCTGAGCT CTATATTATA TAATGGAGCC TTAAATCTAT GTGGTTTSTA
201 TCAATGGTTT GTCTTTTGAA TGGTTGTGGA AACTGTAGAT AACCTTAACC
251 AAGGACTGTA CAAACGTGAA GGTGTGTCT YACWCTTCAG GTTTAAAGTG
301 TTTGADGCAT TATTAGCAWT CATTCACAAC

ua1g5f.seq Length: 455 February 28, 1996 18:40 Type: N Check: 3416 ..

1 GAATTCAAAA TATTCTTTT CTGTCTCAAA AGCTATTATG TCCCATTTTG
51 GGGTGTTTT TAGCTCTACC TCAGAAAAAC AAAAGAAGAA GAAATAAAAA
101 ATAAAAGTCA AGAACGAACC CTGAATTTCT AAGGCTTCCA TCCAATACTT
151 CTTAAGCTAA GTTAAGATTG AAATTCITTC TCAGGCTAAT GCTGTGTGAA
201 GCAAACAACA CTCACATTA GAGCAAGCAT AATTTCAGA GATGCCAAAT
251 CCAAGTTCAA AAGCCACCA GAGGCAGCG CCATGGCCAT GATGAATACA
301 AAGCATGAAA AGGTGTGTCT GTCTCCAGGC CTCTGTGACA GGAAAACCTG
351 CTGGCTGTG CAGTCAGTTA AATAAGTCTC ACTTCAAGCT CTKKBBCAGA
401 GCCTCTACC CTGCTAGACT GTTGCTAATA TAAACAMGTA GTTCTGTCTC
451 GTGTA

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ualh2f.seq Length: 460 February 28, 1996 18:40 Type: N Check: 6824 ..

1 GAATTCCTAAA AAATTATTTA AAATAAAAAA AAGTCTCTTT GATCTTTCCG
51 TACAGTATTT TAGTTGAAGA TTAGAATTC TTTCTCTTTG AGAAAGCAAA
101 AGTTCCTACC TTAACATCTG TAAAAAGGAA ATAAGAGGCG CCCAAGGCTG
151 TAGGCTCTAA GGAATKGC GTAGACTTCA TCACAGGGCA TCTTTGWTYA
201 TCCAGCAGGG AGTCTGAGT AGGCCAGGCT TCTACTAAAG CTGATTTCTG
251 TGACCTTTTA GATGGGGACT GTCACCTCAT TAAACATAGT CACCTTTTST
301 TTGAACAGGA AAGTTGGTGT TTGTTTGT TTTTTAAAGA CAGAGTTGTA
351 CTGTATAGG CAKGBTTT CCTGAGTTA ACTATGTAGA CCWGGCTAGT
401 GCCAAACTTA TCAAAATCTA TCTAKCTYTT BCYCTWGAGW GTTKGGATTA
451 ARGGTGTGGG

ualh3f.seq Length: 375 February 28, 1996 18:41 Type: N Check: 2286 ..

1 GAATTCGGAG TGCTTATGTT TGAGATGATG GCGGGAAGGT CTCCTTTGA
51 TATCGTTGGG AGCTCTGACA ATCCTGACCA AAACACAGAG GATTATCTAT
101 TCCAAGTCAT TTTGGAAAAG CAGATCCGCA TCCCGCGTTC TCTGTCTGTA
151 AAAGCAGCAA GTGTACTGAA GAGTTTTCTC AACAAAGACC CAAAGGAACG
201 ATTGGGTTGT BACCCTCAA CTGGATTTCG TGACATTCAA GGACATCCAT
251 TCTTCAGAAA TGTGGGCTGG GACATGATGG GKBAAGCA GGIGGTTCC
301 CCCTTTAADC CAAACATTTC TKGGRGAATT TKGTTTGA TAAWTTCGAT
351 TCTCAGTTA CYDATGAACC AGTYC

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ualh4.seq Length: 502 February 28, 1996 18:42 Type: N Check: 8373 ..

1 GAATTCCTTG GGAATGAAGG GCGAATGTG GCTCAGTGT GAGTGGTCAA
51 AGTGTCCACG TGAGGGAGAA GTCTGGAGAA GGGCAGTGGT GAGACCTGMA
101 AMCCTGAAAG CAGCTGCACT GTACACTTCA TGGCCRAAGC ATCAATCCTG
151 AGTATGCTGT CACATGTTAA AACAACTGTA CACATTGAGA CAAGCAGAAG
201 TCACCTGACT CTCTCAGTGG GACAGTGTCT CTCWCCTCAC GCCACTGTAC
251 TGACTGAGGA CGGATCCAC GTTGGGCTGT CTGCCATAAN TCCANYTTGG
301 RCMGCACACC CTGAGGAGCA GGCAGGCANG GCTCTGAAAG CAGAGCATGA
351 TCCAGTCAAG GCTCAGGSAG CYTCACAHNN CTGAAGRAAT CATCAGAGTC
401 ACACTTCCCT CGTGTGTACA ACCAGGAAGG AGGATGCTGC ATGAACGCAC
451 TGAGAAATCA TTCAGTGAGA CTCTGAGAAA AGAGCCTGAC ACGTCGAATT
501 CC

ua2h6f.seq Length: 496 February 28, 1996 18:43 Type: N Check: 2148 ..

1 GGAATTCTCT TTGCATAGAG GTGCAGCCCT GGGCGGCCCC GCHDHKHHHC
51 TCCTCCACGT CCTGGGGAC CTGCTCTCT GCTCCCTCCT CACTATTGAA
101 CTCAGAGCTA CTGGGGGAAA GAATGCAGGT TGGAGAAAGA CTCACGGGAG
151 TCCAAGCTGG GCGAGTCCC AGGGGGGCTC GGCTCGCTGC TATCCCAACC
201 CGGGCTCCSA GCTGCCCTTG AAGGCGCTTG TCACAGGCGC GGGTACCTGT
251 GAAAAGAGAC GCGTGGGCAC CACCCCACAG CAGGTTGCAG ACAATGATGA
301 CGACCACTCT GAGGGAGBNC TGGTGGAGAA CCACTGGGAT GGGACCATGA
351 ACATGTTGGG AGGBEGTAGC AGTGCTGGCH VGAAGCCCTC CAAGTCAGGC
401 ATGAAGGAGC TGGCTGTGTT CCGGAGAAG GTCAATGAAC AGCACCSGCA
451 GATGGGCAAG GGTGCCAAAC ACCTCAGTCT GGAGGVGCCC AAGAAG

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ua2h6r.seq Length: 424 February 28, 1996 18:44 Type: N Check: 6092 ..

1 GGAATTCTTC CTTCCTTTAA TCTTAAGTAA AAGAGACACA GGGATTCAAA
51 AATAAAAAATT TCTTNCCAT TCCCAGGCCT GTACCCAGTG CCTCCATAC
101 CACCTTINCC CTCTCTAACA GAAGCAAGGG AGGTTAGCT TAACAGCCGC
151 TGGGGGGGGG TCAGANGGGG GGCTTCTGAG CTCAGTGTG GTCTCTTTCC
201 AAATATAAAT ACATGTGTCA AAACKGGGA ACTCCTCCAC ACCCGTCACC
251 CTGANNCCT CCATTCTGC TGGTGTTCGG GATGGGGGAA GCCAGGCACC
301 GACTGGCTGG GVGTTACTG CACACTTGG GGCATKGGGC CCCACCAGT
351 TCTGCTGCT CGTTDGTAGV AAGAGATGGS ACYCVGGGGT YHHCCCCGGA
401 TWGGTRGGGA GGCTCCCTGG ATGG

ua2h6f.seq Length: 496 February 28, 1996 18:43 Type: N Check: 2148 ..

1 GGAATTCTCT TTGCATAGAG GTGCAGCCCT GGGCGGCCCC GCHDHKHHHC
51 TCCTCCACGT CCTCGGGGAC CCTGGTCTCT GCTCCCTCCT CACTATTGAA
101 CTCAGAGCTA CTGGGGGAAA GAATGCAGGT TGGAGAAAGA CTCACGGGAG
151 TCCAAGCTGG GCGAGTCCCC AGGGGGGCTC GGCTCGCTGC TATCCCAACC
201 CGGGCTCCSA GCTGCCCTTG AAGGCGCTTG TCACAGGCGC GGGTACCTGT
251 GAAAAGAGAC GCGTGGGCAC CACCCACAG CAGGTGCGAG ACAGTGATGA
301 CGACCACTCT GAGGGAGENC TGGTGGAGAA CCACGTGGAT GGGACCATGA
351 ACATGTTGGG AGGBBGTAGC AGTGTGGCH VGAAGCCCT CAAGTCAGGC
401 ATGAAGGAGC TGGCTGTGT COGGGAGAAG GTCAATGAAC AGCACCSGCA
451 GATGGGCAAG GGTGCCAAAC ACCTCAGTCT GGAGGVGCC AAGAAG

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ua2h6r.seq Length: 424 February 28, 1996 18:44 Type: N Check: 6092 ..

1 GGAATCTCTC CTTCCTTTAA TCTTAAGTAA AAGAGACACA GGGATTCAAA
51 AATAAAAAATT TCTTNNCCAT TCCCAGGCCT GTACCCAGTG CCTCCATAC
101 CACCCCTTNC CTCTCTAACA GAAGCAAGGG AGGTTCTAGT TAACAGCCGC
151 TGGGGGGGGG TCAGANGGGG GGCCTCTGAG CTCAGTGTGT GTCTCTTTTC
201 AAATATAAAT ACATGTGTCA AAACKGGGA ACTCCTCCAC ACCCGTCACC
251 CTGANNCCCT CCATTCTGTC TGGTGTTCGG GATGGGGGAA GCCAGSCACC
301 GACTGGCTGG GVGTTTACTG CACACTTTGG GGCATKGGGC CCCACCAGTC
351 TCCTGCTGCT CGTTDGTAGV AAGAGATGGS ACYCVGGGGT YHHCCCCGGA
401 TWGGTKGGGA GGCTCCCTGG ATGG

ua2h7r.seq Length: 160 February 28, 1996 18:45 Type: N Check: 679 ..

1 CAGGAAATRG GACAGTCTCC AGGCKYCAGA TTGGAGGGAG CRTACCATCA
51 CTGTGTGCAT GGAGTCCCCT GTECCTCCGT GGGGCTCAGG TKGAAGCTD
101 GCCCCTAWGB CWGAGCATTG BCCCATTCCT CYGGGGGTRG GASCTCSAWA
151 TBYBGCTTTM

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uglrcon Length: 533 March 21, 1996 10:19 AM Check: 6804 ..

1 GAATTCGGCC TGCACAGACT TCTGGGATGG CGCTGACATC TACCTCTGTG
51 CGGGTTCAGA CAGAAAGAAA GTGCTGGACT TCTACCAGCG AGCCTGCCTA
101 TCCGGCTATT GCTCTGCCTT TGCTTACAAG CCCATGAACT GCACGCTGTC
151 CTCTCAGCTC AAGGCAAGT GCATCGAGCT GGTGCAGGTC CCGGGCCAGA
201 ACAGCATATT CACCATGTGC GAGCTGCCCA GCACCATCCC CATCAAGCCA
251 AACAAACGCC GCAGCAGCTG GHGCTCCGAT GAAGGGATCG GGGAGGTGCT
301 GGAGAAAGAA GACTGCATGC AGGCCCTGAG CKGTGAGATC TTCATGGGCA
351 TGGTGTCTCT CCAGTACCAG GCGCGCTGG ACATCGTGCB CCTCATCGAT
401 GGGCTGGTCA AMNCTGCAT CCGCTTTGTG TAACCTCTCT TTGGAGGATG
451 AGCTCAGGAG CAAGGTGTTT GCAAAAAAAA TGGGCTTGA RAAAGGCTG
501 GAAMTBCCAM ATCTCYCTMH MBCCAACCGG TGA

ug2rcon Length: 512 March 21, 1996 10:19 AM Check: 1880 ..

1 GAATTCAAA TCACTAACA CCATAAAGT AAAAACCCT TGAGAAATTAA
51 AATGAACGAA AATCTATTTG CCTCATTCAT TACCCCAACA ATAATAGGAT
101 TCCCAATCGT TGTAGCCATC ATTATATTTT CTTCATCTCT ATTCOCATCC
151 TCAAAACGCC TAATCAACAA CGTCTCCAT TCTTTCCAAC ACTGACTAGT
201 TAACTTATT ATCAACAAA TAATGCTAAT CCACACACCA AAAGGACGAA
251 CATGAACCCT AATAATTGTT TOCCTAATCA TATTTATTGG ATCAACAAAT
301 CTCCTAGGCC TTTTACCACA TACATTTACA CCTACTACCC AACTATCCAT
351 AAATCTAAGT ATAGCCATTC CACTATGAGC TGGAGCGTA ATTACAGGCT
401 TCCGACACAA ACTTAAAAAG MTCACTTGCC CACTTTCTCT YCAAGGGGA
451 CTCCAATTC ACTCAATTCC AATACCTTGA TTAWTATTTG AAACAATTAG
501 CCTAWTTTAT TC

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ug3 meld Length: 711 April 26, 1996 3:51 PM Check: 4344 ..

1 GGAATTCGTG TAAGAAGCAA GAGAGAGAGA GAAAGAGAGA GAGABAYAYA
51 BNYANYANYA NYMNYMNYAB MHWGMRDSAG NNNNNNNNCC TGNMNCAGNC
101 CATNCAGGGG NNTTTTNTTTT TTTCCNACTT NAGNANCAAG NTGGNNTGNG
151 CTYNTCTNCC AAACCTCCNA GGNKGNNTTT ATTTNAAGGN CTGNAAGNCT
201 GGTGNCCTN CGNCCCNNTG NNTTCNACCC NNAGGNNCCA AGNAAGNACG
251 NTCCTNCTNC TGNNTNCCN ACTCTNCNAC ANTAAGNNCC TTNNCATTTN
301 NAGNCAAGNT CCNTGGNNAA CTCNTCTNAT NGCTTNNGCN AGNCAGNCTN
351 CTNCCCNNTT NCCCNACNT GNTGNTNCCA GNSCANOCAT NGCTCTAAG
401 GTCTCTCAG CAGACGCTGT ACGATGAGCA CACAGTCTTC CAGTGAAATC
451 CGCCGTGATG GTGATGAGCA GCATCCTCGT GAGAGGAGAT TGATTTTGTG
501 GTTACTACGG AGCTTCTCCA AGAGAAGGAT GAGTACAGGA TAGGCAGAGG
551 ATGCTCTGCG GACCTCTGGG GTACATGGCA CTCACACCTC TCATTGCTGT
601 GACAGGACAC CTGACAGAAA TGACCACTT TCAAAACATGT GAGCCTTTTC
651 AGGACATTTT AATAGCAAAAT AATGTGKGAA TAGGACATTA AATGGTAGGG
701 CATAAACAGA A

ug4rcon Length: 455 March 21, 1996 10:20 AM Check: 6242 ..

1 GAATTCCTGT GCTTTCCTACT GTGTGGCTAT TGGGGGGGAG TGCTGTCTTA
51 AGACATTCTG ATGTTTCTTA CCAGGTTTGT TTTCTTCACA GCCCTAGGAC
101 TGGACAAGAA CAGAGTCATA GAAACTGCTC CTCTCAGTTT CCGAAGCCTG
151 CTAGGTGTAC TTGSTATTGA AGCTGCTCTA GACAGCCTGA TAAGATTGTT
201 CAGTGGAGAT AACAACTAGT CTCCCGCYGG CAAACACACA GGAACATTGC
251 TGGGCTGAGG AACATTCAAA ATATGTTGAC TATGAGCATT TCTCTTTTCC
301 AATTAGAAAC CATATCCTTC AGACATGAGT TTGTGTGCAT TAGTGGTATA
351 TTACATATGA ACTCCCATGG CATAAAAAAA AATMMAGCTA TTAAGATATG
401 TTAATAGTCA ACATATTTTG AATGTTCTCTC AGCCCAGCAA TGTTCGTGATG
451 TTTCT

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ug5rcon Length: 225 March 21, 1996 10:20 AM Check: 7110 ..

1 GAATTGCGTGA CACATCCTTA TGAAAAGYAA GGGGGTAGTG CTGTCACTCA
51 CATGCCAGTC GCTAAGAATA AGCAGTAACT AGGAATTATT GAGAAGTGCA
101 AWCCYWGAT THAATCAGYT CTKAATCTWC AGAGCCTTAT AGCMAACWAG
151 AAWWGCYWGW AYCTGTAGCA ACTTGGSSCC ACWKATKGGT AGGWCCWYYG
201 TAGTAACAAG AGAGGCACAC ACTTT

ug6rcon Length: 368 March 21, 1996 10:20 AM Check: 3596 ..

1 GAATTGCTTG TATAAGTCAC AAAATCTAT GATGAAAATA AAACGAACAA
51 ACAAAAAGAA GAAAAGAAAG AGAAAAACAA AACAATACTC CACCACATTA
101 TTCATTCTTA CAGTGAATAC ATAACCTCTA AGTCCATCCT AAGTGTGGCT
151 TTCTTCCTAT ACTGCATCCA TCAGATGTTG TTGCAATGCT GTTAGTCTTA
201 AAATGAACTG ACAATATGT CTCTCTTTT TCAGAAATTC AGAGTGAGGT
251 GTAAACATGA GCAGAATAGT CTTTTTAAA TTTTTTACCT TAAATCCTTG
301 AAGGTATCTT GCAGTTCACC CTCTGCADG GTCAGTGTTA GAACCTTTTA
351 ATNGCTATMC ACCATAGG

ug6?con Length: 376 March 21, 1996 10:20 AM Check: 4595 ..

1 TGNNTCGATG GATCCATCGA GGCTTGCCCTT TGTTGCCTTG CTCACCTGTT
51 GATTGCTATA GAGTCCCTGG GGTCCAGGAA CCTGCAAGAG ATGGGGGTGA
101 AGGCCTCCTA TGCATAGGTT CCATATCAGT TGTTGTGCTT GCCTGGTGGC
151 AGCCACAYT TTGTACCCAC TTCTCTGCT G3CTCTAGGA GCCTGGAACA
201 TGCTCTTCCC CAGCCTGCCT CTGGCTTTCC CTGTGGTCTC ACTCGGTGCC
251 ACAGCACTTG GGAAGTCTTT GTGTACTAAG TCTCCTGATA GCCAGTKSTG
301 CTTTAGARTG TGGCGGCTYC CCACCGCTKG CCGGGACCAT CCATTTCTTC
351 TTCCTTCTTC CAGGAAGTTG GAGATA

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ug7rcon Length: 650 April 10, 1996 10:39 AM Check: 6549 ..

1 GGAATTCCAT TATTTAAAT TATTAACCAC TCATTTCATTG ACCTACCTGC
51 CCCATCCAAC ATTTTCATCAT GATGAAACTT TGGGTCCCTT CTAGGAGTCT
101 GCCTAATAGT CCAAAATCATT ACAGGTCTTT TCTTAGCCAT ACACTACACA
151 TCAGATACAA TAACAGCCTT TTCATCAGTA ACACACATTT GTCGAGACGT
201 AAATTACGGG TGACTAATCC GATATATACA CGCAAACGGA GCGCTCAATAT
251 TTTTATTG CTTATTCCTT CATGTGGAG GAGGCTTATA TTATGGATCA
301 TATACATTTA TAGAAACCTG AAACATTGGA GTACTTCTAC TGTTCGCAGT
351 CATAGCCACA GCATTTATAG GCTACGTCCT TCATGAGGA CAATATCAT
401 TCTGAGGTGC CACAGTTATT ACAAACCTCC TATCAGCCAT CCCATATATT
451 GGAACAACCC TAGTGAATG AATTGAGGG GGGCTTCTCA GTAGACAAG
501 CCACCTTGAC CCGATTCCTC GCTTCCACT TCATCTTACC ATTTATTTATC
551 GCGGCCCTAG CAATCGTTCA CCTCCTCTTG CTCACGAAA CWGGGTCAA
601 CRACCCACA GGGTTTAACT CAGATGCAGA TAAATTCOA TTTCGCCCT

ug8rcon Length: 327 March 21, 1996 10:20 AM Check: 6693 ..

1 GAATTCGGC CTTTTTTTAA GGTGTAGGGA CCACGTGCAA ATTTCAGCAC
51 AGACCACAGG TTCTAGGAGG CTCTCTCGT AAGTTATATC GTCTTTCAAG
101 AAATATCAGC CAAAAGAAAG TGGTTATTA TTTTCTACT TTCTTTGAAC
151 TTGGTAAAAA AAATAGCCAT CTCTAAATAC TAAAGTATTT AAGTCTCAAG
201 TTATATCACT TGGTATCACT TCTGTCTGT GTTCTTTTC TTTATMCCCA
251 CCCCCTTGTT GTCTGGGAGG CCATATGCTC ATKCTGCCAA CDYTGCTCT
301 GTGTACCAG GCTCCAGTGC TCCTCTT

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ug9rcon Length: 297 March 21, 1996 10:20 AM Check: 694 ..

1 GAATTCAGAA GGTCTCTTAT CCTTCCCTCA AGCAACTCTT GGTTCCTGT
51 TAGATCCTAA CCTGATCTT MTCAGCAGCT GTCTGTCAGG CAGTCTCCAC
101 CCTGAACCAC CTCTGAMCT CTYGCCATCT TTIGCCTAAA CATACTATTT
151 MCTTTGGGGG ACTAAGGTTA TGAAC TGAGG GGGAGTGGSC CTAGGSCCCT
201 TAAGGTAGGC CTCTWCGGT TCTGGGGACT AAGAAAACCA GAACCTTCCT
251 AAGYTGCCCT TGGVAAGCCT AAATTCSSST ATGCTCCCCC CAAAGCA

ug10rcon Length: 160 April 10, 1996 10:39 AM Check: 1620 ..

1 GGAATTCACC ACCACCACNA CCTTCAGCTC ATCGGATGTA CAGTTTACAG
51 TTGAGTAACA GTGAACGGAA GGATTTTCTT TCTTGGTCGG ATGTCAGAA
101 CTGGGATGT GTATATATAA ATATATAATA TATATAATA TATDTAATNC
151 NGACTTAAAT

ug11rcon Length: 532 March 21, 1996 10:20 AM Check: 2068 ..

1 GAATWCGTTC CCATGTAGGA GGTAAAACCA ATTCTGGAAG CATCTNANNC
51 TTCCATAAAT AACTTTAATW YTTAGCATAA TDACNGCCTT NGATTGTCTG
101 NANCTCAGTA GCTATTAAAT AACATCGAGT AACATCTGCA TCAGGCHCTC
151 AGAATATACA GTTGAGTTGG GAGTAAACTG AAAAGACAAA TGTGTTGAWG
201 DCTATGCCAN GGAATCTND CTCAAAGCCT AACACAGNAD DCANCTTCAT
251 CCCAGTGACD ATNYTGGACG TACAGATGGT GATDGCAAAG GTGTAGAACA
301 CATTTTTTCA AAGACTAAAT CTAAAACCCA GAGTAAAMAT COGATGCTCA
351 GAGTTAGCAT AATTGGAGC TATTCAGGAA TWGCMGAGAA ATGCATTTT
401 ACAGAAATCA AGATGTTAWW TTTTGTAAAA CHAWWWCAC TTAGAMAACCT
451 GTGTTTCATT TGCTGTAANC AGTTTTTAAA AGTCARATGG AAAAAGCAAC
501 TGAAGTTCCT TGAAAATAGA AAATGTAATT TT

ug12recon Length: 467 March 21, 1996 10:20 AM Check: 5832 ..

1 GAATTCGCGG TGTGGAGGCT GGTGCTGAGG CGCGGGCTGG GCTGCGGAAG
51 GTTGGTGACT TGTGTGCAGC CAGTGAGGCG GGTCACTGCG ANGGGGGCGT
101 TGAATGAAGG CTGCTAGGCG AGATCAGTGA AGAAGGAAGG GGCTTGGGTG
151 GCGGAGGCCG GGGAGAATCA TGGAGGAAAG ACCNCGGBNN NBAGGCTGAT
201 GGGSGGGTTA CTGTAGAAGC TGTCCGAGGA ATCTGGAGAA ANGGGAGACC
251 TTNGTTTAGA CCGATTTEKC AAANCACTGC CCCTGTGTGG AGCTACCCCC
301 CCAAAACCCC TGDNGDGCCC CTGCTACCGA CAATGGGCAG CCTCTGTTGG
351 ATGCTCCCTG TCTGTCCAAG CTCTGACCAT CTCTATATCT AGTGCTTGTA
401 CCTAGGTCCTG CCTCACTCAT TGAATGGAGG AATGTTTCCA GAGTAGGGCC
451 AGGTCTTCTC AAAGTGG

ug13recon Length: 344 April 10, 1996 10:39 AM Check: 5678 ..

1 GGAATTCGTT TCATAATATT TATTTTTTCA TTGGGAACT GGGGATATTT
51 ATTTAGGAAG GATGGTTCAG CTCTTTTAAA TCTTTGGGCT CACTGATGGG
101 GTGGGGGGTG GGACACGGGG TTGAAGGAAC TTGAAAGTGG GGAGGAATGG
151 TACTATTGGC ATGGGGGTAC CTGGTATTGA AAATGGACAC ATNHNCYAGC
201 TGAGAGTGAT GTCACTHGCC TGTAAACCCA TTATTCCTTG GGATGCTGAG
251 GCAGGAGGAT TGAGAGTTAG GGACTAATAA TNRCTAGGTG CTGACAGTAG
301 AACAGGAAGG AGGGTAGAAC CTGAGTTTTG TNGCCTCTTT TAAA

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ug14rcon Length: 402 March 21, 1996 10:20 AM Check: 4853 ..

1 GAATTGGGAG ACGCTATNCC GCTTCCATCC GTMDCDCAGA CCTGCCGGA
51 GCCGCTGCCG CAATGGATGA TCGGGAGGAT CTGGTGTAACC AGGCGAANST
101 GGCAGAGCAG GCCGAGOGAT ACGACGAAAT GGNITGGAATC AATGAADRAA
151 GTAGCAGGGA TGGACGTGKA GCTGACAGTT GAAGAACGAA ACCTTTTWTAT
201 CTNGTTGCAT ATNAAAAATG TGATTKGATG CCAGAAGAGC ATCTCGGAGA
251 ATAATCAGCA GCATTGAACA GRAGGAAGAA AACAAAGGGAG GAGAGGACAA
301 WPTAAAGATG ATTTCGKGAGT TACCGGCAAA TGSTTGAAAH CTGAGBYTCA
351 AGTTAATCTG TTGTGAACAT TCTGGATGTA CTGGACAAAC ACCTCATTC
401 AG

ug15rcon Length: 525 March 21, 1996 10:20 AM Check: 3591 ..

1 GAATTTCGAGA AGACTTACAG TGGTGGCCTG ATAAGGTATT TGGGAAAAGT
51 TTATACCTTT CATTAGAGTC CTAACAACCA TTCACTCCAT TAAATGTTTC
101 TGTPTGATTG AATGAGACTT TTATAGGACT GTTGAAAAGA GGCATCAGTT
151 TTAAAGTGCT TATCTGCCCT TTGTTTTAGA AGCAGACCAC TAGAGATCTT
201 CTGGTGCAAT CCCAAGCTAG GTACCACATG CACTTGWTBC TTGATGAAAT
251 GAATTAGAGG ATTGGGGTGG TAGTCTCAGT AACACATGAG AATPTTACA
301 TTCITTTGGTA GGCATTGACT CTDMCAGGTT TGAATGTCA AATGGACCTT
351 AGTTTCTACA GGGCAAGCTC TAGTCATTGA TGCAGGGTGC ATGTAGGGAC
401 GAGATAAGGG CTATGGATTT CCATTTTATG AAGTACGTTT GATAGACCTT
451 GTGATGCTTA GTAGACAAAG GAGTAGGCCA AATGAGAGTA GGGGAGGKKC
501 AGAAAAATAGD GCCAGAGSTA AATTY

ug16/38/80 Length: 457 March 21, 1996 10:21 AM Check: 5219 ..

1 CGCGGATTCT TTATCACTGA TAAGTTGGTG GACATATTAT GTTTATCAGT
51 GATAAAGTGT CAAGCATGAC AAANGTTGCA GCGAATACA GTGATCCGTG
101 CBGCCCTGGA CCGTTGAAC GAGGTCGGVG TAGACGGTCT GACGACACGC
151 AAACGGVDG AACGNNINGG BGGTTCAGCN GCGGVCCTT TACNGDHVCT
201 TCAGGAACAA GCGGGCGCKG CTGACGCAC TGCCGAAGC CATGCTGGCG
251 GAGAATCATA CGCATTGGGT GCGAGAGCC GACGACGACT GCGCTCATTT
301 TCTGANNCGG GAATGCCCGC WCCTTCAGGC AGGNGCTGCT CGCCTASCSC
351 CAGCACACTG GCGNNNTGCG AGCATGCATC TAGAGGGCCC AATTGCGCCT
401 ATAGTGAGTC GTATTACAAT TCACTGGCCG TCGTTTACAC ACGTCGTGAC
451 TGGGAAA

ug17recon Length: 506 March 21, 1996 10:20 AM Check: 9307 ..

1 GAATTCOCGA AAACCTCCTCC TGCCCAAAGC TCCCNNTAGC TACTACACTG
51 AATCCACACA GGCTTGGTAG AAACACAGC GGTGCCCCA AATCTGCCAC
101 AGTTAACGCT ATATGTAAGA CTTGAAACAG ACTCTYAAAA CCCCTGGTAG
151 ACTTHTAGCT TCTTGAGGGA TCANTTGGTT ACAGAGTCAG TCAACATAGC
201 AACNTATDCC TCCNRGGCAT CNNGGTACGT CACCAACATA NNGSYTTGNH
251 HAGCCGAGC CACACAACBS NTCAGBTAC NNGCTMGCA GTACHSVCNN
301 NARDAMGTGG STGTTYNWK GCGRCMCTT NNTYAWCMAR CNKRCGYRT
351 VKGNNNNNAG SWKYBNTNSR KAWYYRKGSA GCGCCAGGAC AACAGCCAGC
401 CAGTTCTAC TTCTGCAGCT CTTGTCTCTT AACAGCTAG CTGACAAGCC
451 ACGGTTCACT CCCAAATCCA CTCACCCAT TCAATAGSCC TAGARGTATA
501 TTTAAG

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ug18rcon Length: 304 April 10, 1996 10:39 AM Check: 2488 ..

1 GGAATTTCGTT GGCACCAGGG CGCCACTAAA TTAAATTGAG TCAGCGCCTA
51 AATGGTTCTK GCCTGGGTAT CAGGCGTAGG TTKGCCAGGA TTYGCTTCC
101 CTAAATACGT TTTTCTGACT TAGACTCATI TGTAATTATT GTTCATTTCA
151 TTTGTGTTTT TTTTCTTCC TCTTTCTCT CTCTCDCDH HHNCBTCTG
201 TCACAATGAT AACAAATTAG CATTCCAGCK CAAAAGAGT YCTTNTTTGA
251 GAAGCAAAAK CAAGGACAAA GACAAGTCTY CATTGGTCCA TCCAGCTCTC
301 TCAA

ug19rcon Length: 471 March 21, 1996 10:20 AM Check: 7460 ..

1 GAATTCGCT GTCTTCAGAA GAGGGCATTG GATCCCTGTT ACAGATGGTT
51 GTGAGCCACC ATGTGGTTCC TGGGAATTGA ACTCAGAACC TCTGGAAGAG
101 CAGCCAGTGC TCTTAACGC TGAGCCATCT CTCCANTCCG CAGTTATTCT
151 CTTTACAAA TATTTTATTT TTACATGTGT TTGTATGTGC TTGTATGTGC
201 ATATGTATTT GTAGATATCC AOCGGAGCTG AARTTACATA CAGGTAGCTG
251 TGAGCMCCAT GTGAGTGCTG GOGAATCAAA CTCACTTGCC TTTTCAAAA
301 TMAGTCCACG CTCTAACTG TTGAGCCATC TCCTCAGGOC CCAACTTTCT
351 GATATTTTCA AAATAAAAGT CAACGTTACA TCTATGGGCA GGATCGAGCT
401 ATATGMAGGT CMCAGTACTT CCAGGGYTCA CGADVTAGCT AATGTATRCT
451 CGGTGCTTGC TAAGAACTAT A

ug20r2 Length: 32 June 11, 1996 2:20 PM Check: 8690 ..

1 GAATTCCTCT GCATAGCAG TGCTAGGASY AT

ug21rcon Length: 333 March 21, 1996 10:21 AM Check: 8041 ..

1 GAATTCCCAA ATTTTGTTA AAAATAAAAA ATTATCTCC GGCTCTACCT
51 CGCCTCCCCA AAAGATACCG AGAGCCACAT GTGTGGGTTT TACCAGTACC
101 CACGGGAGGA ATCGGGTCCA TGTCACCCA AGCCAAGGTT AAAAGCCAC
151 TCATCTACCG ATGAGAAAAT CAATTTGAAT CACCTCAGTT AAGCGTTGCC
201 TTAATTTAAC TTAATTAATA AGGGGGGAG ARAGATTGGA GGACVATACT
251 AATTGAAAAG GGCAAGCCCT THACWGCCYC CCAACCCAAA ATWAAAAGRG
301 CCGGYGAAC MGSCITTCYT CCCTKGWTTY AAA

ug22rcon Length: 365 March 21, 1996 10:20 AM Check: 2504 ..

1 GAATTCCTCG GCTCDAGCG CCGCTTTTTT TTTTTTTTTT TAGTTTGTG
51 TCGTTTAATT AAAAAAATC AACAGGGATA AAAAACAAG CATTTTACAT
101 AATGCATACA TTCTCAACAT CTGCAGATGA GATAAATAAA AGAAGGCTAA
151 AGCAGACATA CTGTGTATTG CTCTCTTIG GTAAGTTACC AATATCTCT
201 GCAGAAATAA AATATGTTAA AAACAAAACC CATGGTMTTA AAATAATTGT
251 CCCTTAGTAT TAACCHAAAT ATTCAGCAAT AATTACAGTA GATGTAGTTT
301 TCAAATTGGC AAGAATGCAT AATACTTTAT TCTCTGAGGG GTAAGTAGCT
351 GCTTTCAAA ATTAA

ug23rcon Length: 331 March 21, 1996 10:20 AM Check: 2956 ..

1 GAATTCCTACC TGGCCACCTC AGACAAGGAG AGGAADGAAG ATWGGTCCGA
51 GAGCTCATGC AAGTGTCTCT GGCTAGAAAG CCCAAATGT GCAGCTTCCT
101 GGAGTGGAGG GACCTCAAAG TTGTCTATAA GAAGATACGC CARTCTCTAT
151 TTCTGCTGCG CCATCGAAGG GCCAAGACAA CGAGCTGATC ACACCTGGAG
201 CTGATCCACC GATACGTAGA GCTCTTGGAC AAGTACTTCG GMRGCTATG
251 TGAGTTGGAA CAWCATCTTY MAACTTTKAG GAAAGCCTAM CTTTAWTCTG
301 GRMSGAGDIT TYTKAWTGGG TNRGGGAATG A

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ug24rcon Length: 554 March 21, 1996 10:20 AM Check: 7438 ..

1 GGAATTCCTC GCTGCGGCTG CGGGATGGTT GCGGGTGGCG GGAAGCGCCG
51 GACGGCCGGG GCGGGACCGC AGTTGTGACA AAGACTTTTC ATGGTGACAG
101 CTTGGTTGTT CCAGTAGATA AAAATGATGT TGGTTACCGA GAGCTCCCTG
151 AAACAGATGC TGACCTTAAG AGAATCTGCA AGGCAGTTGT CGACGCTGCA
201 AGSSACCGAG GAGAGACTGA AAGCATTGCG TCCCATTCAG GAGATGATGA
251 CTTTGTGCA GTTTGCTAAT GATGAGTGTG ATTATGGCAT GGGGCTGGAA
301 TTAGGAATGG ACCTCTTTG CYATGGCTCT CATTTATTTC ACAAAGTTGC
351 TGGTCAGCTT TTACCTCTTG CGTATAATCT ATTGAAGAGG GATCTGTTTG
401 CAAAAATTAT TGAAGATCAT CTGGCAAGCA GAAGTGAAGA GAACATAGAC
451 CAGCTTGCAG GATGAACAAG CTGCCCTGTT AGTGCAGTGB CTTTGAAGTG
501 GGACCAGCAG ACGGGGCTTT GTTTTAAAGG AATGGAGAAA TAAATGAATT
551 CCMC

ug25rcon Length: 333 March 21, 1996 10:20 AM Check: 6780 ..

1 GAATTCCTCG GAGGAGCTCA TCGACTACAC CGGCGGCCTC AAGCACGAGA
51 TCCTGCAGAG CCACGGTCAA GATGCTGAAT TATCAGGGAC ACTTTCACCT
101 GTTYCTGACA CAGTGCTGCA AAAGAATAAA GGACACTGTC CAGAAGTTGG
151 CCTCTGACCA CAAAGACATC CATAGCAGTG TTCTCGAGTT GGAAGGCCA
201 TTGATARGAA TTTTGATTCT GACATTAGGC ARGTKGTGGG GAATWGATGG
251 YTTGCTKGCC AGGCCAGRAC AGCCMAACGG CTCTCAATK GAGGTCATKG
301 GKTGGRAACA ACKTTCTTTC CGGACCAAGG RAA

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ug26rcon Length: 439 March 21, 1996 10:20 AM Check: 4650 ..

1 GAATTCGPTC GTGCATAGCC TCCACACTAG GGTACAGAT TACTGTGTGT
51 GGGTGTGTGT GGGTGTGTGT ATGTATGAGA TATATACTGC TAGTCCCCA
101 GAACTAGTCT GTGGGGATCA TCTTCCTGGT TAACTGATGC ACGGCCAAG
151 TTCGSCAACA GCATCTCAAG GCAGGTGGTC CCGGCTGTA TAAGARTCTA
201 GCCAAGCATG AGACAATTGT TTTCCTAGCT GATGCATTGT ATTTACAAAT
251 TAGAACATGT CAAGACAGCA AGTCTTCTCC TTAGATAAAT TTCTTGGTAT
301 TTCAAATACC TACAGTGCNC TGACTTCAAC SCTGGGRRD ARGGARARDR
351 VCACAACCCCT AATACYTGT GGGGCTAAS CGAACAGAAR GGGGCATGTG
401 GTGAAGACCA RCCTGGGCTA TATGGTGAGA ATTCCACCA

ug27rcon Length: 537 March 21, 1996 10:20 AM Check: 500 ..

1 GAATTCOCGC ATCATGGTTT GTCTAATCCT TAGGAAGCGA CCTCGTGGT
51 TTTCCTTAG GTCCAGGTAG TATTTCTAT TGTCCCTCTC TATATAGTCC
101 GPTTIGAGGA CACTGTGAGG ATGCTCTTCT GACCCCACTG ACACCGGTGG
151 GGAGSGTCA GAATGCTTCT GCGCCTCCT GGAGACTTGC TCTTTGCTCT
201 GGCCATGCTC CTGTCTGTGG CCTTTCAGGC CCAGATGGGC ATAGTGCTCG
251 ATGAAGTYGC CTAGACAGTC CTTGAGTCT GCTGCTACCG ACAGGGAGAG
301 GGTGAGTTA CTCTTCTGA TATTGTCTG CCGGCTCTC CCTATOCAGA
351 CTTTGGCTAT CTTTAGGAAG CNBCCCCGG AGCTCTGCTT CAGCTTAGG
401 TAAAACCYCT TTTTYSGAT GTCCACAGT TTGGAGGCTA GCTCTGGAT
451 TTCSGATGTG CCCCAGACT GATTAGGGGT BSGTGAHTCG GAGTAGTKGG
501 GGGTAGTGAG AATDCTGGGB CTGGGGATAG AGGCTAC

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ug28rcon Length: 435 March 21, 1996 10:20 AM Check: 1844 ..

1 GAATTCCCTG GTTATGTGGG GATAAAAATC CCAGGCAGCC TCTACCCAGA
51 TGCCAGTCAC CTAGTAAAAA CAACCCTTTA TAGTMTTTTA AACTTAAAAA
101 GACAACGCTT GAACTCAGAA ATGTAATTTT TAACTCAACA CTAACCTGGT
151 TAATATTTTAA TAACTGCAGG AACAAAGTGGG GAGGGGGCAC GATGACAGAA
201 TCGATTAGGA ATTTTTHAAT GTTGAATGCA CATAAGAAGC CATCAGCCAA
251 ATGACCAACA AAGCAGTCTT AAAAATTCAT CAGGCCTGAG TAATCGAACT
301 TCAGTAACTT AAACCCACCA TGGGGCAGTG TGCATGGAAA TCCCTCTTTG
351 CBCCTCCCTA AGGAGAGCAG TCTAAGAAGC AGATACCACT TCCTGCKRAAT
401 TCCACCACAC TGGCKGGCGG CTCGWCATG CATCT

ug29rcon Length: 317 March 21, 1996 10:20 AM Check: 2681 ..

1 GAATTCAGGA CTGACCCGGG CAGCCAAGGT GTTGGAGCAG CTCACAGGCC
51 AGACCCCGGT GTTCTCCAAA GCTAGATACA CTGTCAGGTC CTTTGGCATC
101 CGGAGAAATG AGAAGATTGC TGTTCATGTC ACAGTCCGCG GAGCCAAGGC
151 AGAGGAAATT CTGGAGAAAG GCCTGAAGGT GCGGGAGTAT GAGTTGCGGA
201 AAAATAACTT CTCGGATACT GGAAACTTTG GTTTTGGAAAT TCAAGAACAC
251 ATTGACCTGG GCATCAAATA CSACCCAASC ATKGGGATCT ACSGCCCKSG
301 AMTTCATCT CCTBCTC

ug30rcon Length: 340 March 21, 1996 10:20 AM Check: 9251 ..

1 GAATTCGGCC GAGCGCGCTT TTTTMTTTTT TTTTMTTTTT GAGGCGGGCA
51 GCTAAGGAAG GTTGTCTCTT CTGCCGGTCC CTCGAAAGCG TAGGCTTTG
101 GGGTTGGTCT GGTCCACTGG GATGATGTGA TGCTACAGTG GGGACTCTTC
151 TGAAGCTGTT GGATGAATAT AGATTGTAGT GTGTGCTTCT CTTTGGAAAT
201 TTTTMTTTCAG GTGACTTAAT TGTATCTTAA ATAACTACCC TATAGGGAAC
251 MAAGGGAAGG TGGCTTWTAT TKACCCCTGR AAGGGADTTT TTTTCTGGGT
301 GRATAGGCTT TTTTWTWTAT TTCCAAGTTA AGAGGRTACT

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ug31con Length: 398 March 21, 1996 10:20 AM Check: 5167 ..

1 CGCGATAGAA GACAGACNNG BTAGAGAGGY GGAGYAAYYC AGCAGCAGAA
51 TNCITGCCGA GCACGAAGCC CCAGCTTCCA TCCCTCCTGT TGCAAGAAAT
101 AAATTAAATTT TAAAGTGCCA TTAAAAATAA AGGCATTGAG CCAGGTGGTG
151 GTGGAGCACA CCTTTAATCT CAGCACATAG GAGTCAGAGG CAGGTGGATC
201 TCTAGAGTTT GAGGCCAGCC TGGTCTATAT AAAGTGAGTT CAGGACAGCC
251 AGGGTTTGTT ACAMAAGAGA AAAAAAGATG TTGTAATTG GAGTAAAAA
301 AACACAAACC GAAGAATCTG TTACAGGAAT AATKTGAGAG AGTCACYGCT
351 TTAGRATGAA TACTGTGGGG TTTTCTCYGT GTGTTCTGG GGTGTTTT

ug32rcon Length: 618 March 21, 1996 10:20 AM Check: 256 ..

1 GAATTCCTCC TAACCTCTC CTGCTAGAAC ATCAATTTAC TTTATCAAGT
51 TCATACTCGT GCTTTGAAAA GAAGAACAGC AACACACCAC AGCATCCATC
101 GGGCCTGACC TTCTCAAAGT AAACACAGAG GGGCCTCTGA AAGGCAAGAA
151 CCATTAACTC TTTAAATTCT TCCTGCCTTG GAGTGGAGGG GGTGGGGAGG
201 CAGTGGATAC GTGTGCAGGC ATAGTAGTGA CAGAACTCAG CTGATGTCT
251 GGGGTTGGGC CTGGGAGAGA TATCATACAG GACTCGGCC ATTTTTACTC
301 TCTGGCTTAA AGATTTTGAA ATAGGACCAA GTGTCCATG AAGAGGGGCT
351 GAGAAGCCAG AAACCTGGTAT TATAGCATAA TTTTAGAAGT CCGTGTGCTG
401 TGATGAGATG CTGCCAGGCT GAGCTGCBGC CTCTGAGATG CTCGGCAGTC
451 AGAGTGTTGC TAAGAAAACC CCTCAGTATA GGAACAGACT CTAGGTGCCT
501 GACATTTGTG GCTCTAGCAT CTATATTCAA TAGTTTHCAC ATGATAGGCC
551 TGTAAACAT ATGTTTCTGA GGACAAGACA TTTCTAAGAG AGCTCTGGAG
601 GTTATTTGAA CAGGTTTT

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ug33con Length: 531 March 21, 1996 10:20 AM Check: 901 ..

1 GNGGCGCAGT GTGGTVGMAT TCTTATACAA ACCGACAAC TGCACCAAG
51 CTTATAAAAC ACGATAGTAC TGTCCTCTT TTCTGAACCA TCAGAAGACA
101 CAAACTGTGT AGTGACACAA ACGGTGACAG GTAGCTGGGA CCTAGGCTAT
151 CTTATTATGA AGGTGTGTTT GCTTGTGTGA TATTGTGTGA TGTAGTGTAA
201 CGAATTTGTA CCATAGAGGA CTGTCCGTAA CTACTGTTTA GCTTCTACAC
251 ATTGAAATGT AGATGTTTCA TTGGCTGTCT GAAAAGGTGT GGCTTGTCTCT
301 TCCTAGAGAG ATCTACTTAA AAAC TGCTTT GTGACAAAA CCACACCTGA
351 AGAAATTTTA AGAATTTGGC CCAGTTAGTC ACTCTGTGTA ATCCCGGAAT
401 CTAGCTGCTG AAGTCTTGCG AAGTAAATC CCCGTGACCG ATGTCAAGTA
451 AGCTGGTGAT ACCTGGAGAD GTGGTCAGTT GCTAAGGAAG TGGATTTCCT
501 AGTAGGGGTT TCTGCACCTC ACCTGTATAG G

ug34con Length: 491 March 21, 1996 10:20 AM Check: 4290 ..

1 GATTCGAACA TACCACCTCT GCCCCATAVA CTGTTCTCTC CGGGGGAAAA
51 AAATGGAAGT TACCTCACAG TTCCTGCCC TGGTATTTCA TCTGTCCCAT
101 GCTTTGCATG ATTGCCATGG TACAGCATTG TTTCAAAC TG TCACTGTGA
151 TCTGTGGGTC TTTGAGTTTC AGTGAGTTTG CTGAAATGTC GAAGAAATAT
201 TTCCAAACTT CAATGTTCAA TGAAATTTT GTTCAAGTTT GAAATGGAGA
251 GAGCAGCTTT AAAAGGTACT AAGCCTTTTA CAAATTGGTG AGTACTGGCA
301 CATGAGACCT AGAGCAGGAC CAACTTCTCA CACATAGTCA GTGGGAAAA
351 AAAGTGCCCT GAAAGTTCTT CCTCMCCTA CACAGTAGTC GTCATGTGGA
401 GACCTGCCAG AGAGAGACAC ATTCTCAAGT GAATCCTGGC TTCTTGGGAA
451 GGCCTTSCCT AGACGAGACA CAGTGHCAAT AAAACAACCT T

ug35 con Length: 389 April 26, 1996 6:12 PM Check: 3786 ..

1 GGATTCCTCTA CATATTTGA AAGGAGGCAN NGTCTCACTA TATGGCTAAG
51 GCTATCCTGG AACTTGOGAT CCTCCTATCT CAGCCTTCCA AGTGCTAGGA
101 CTACAGGTGT GTGCATCTCC ACTATCAGGC CTCACTTGTA GATGGGAAAC
151 AGGAGTGCCC CATCTGAGAA TATGCATGGC CTCACTAATA AAGCCAGGAC
201 CACACCACAG CAGTCCAGGT TGTCTBOGGC GATGGGCTGA CCTTCTGGGA
251 CATATCTACT CTATGTCCAA GCGAAGGACA CTGMCCTTCC CCATGTGAAC
301 CTAGTCTCTCA GAAATGAGCC AYCCCTTCGA ATGGAITTTAT GCCACTGGAT
351 GTGAAAAGGG ATGCTGTTGT TTTGTTATTG GGAAGCCCT

ug36rcon Length: 605 March 21, 1996 10:20 AM Check: 4669 ..

1 GAATTCGCTT GCTTCAAAGC CAGCCTTTTG GATTTGAGAT GAGCCGCGGG
51 TACCCGCAAT CTATGTGCCA GGAAGCCAGA CCGCCTTATT GAAATCAGAG
101 CTCTATTTTG CCGGCTGGGA CCCACGCCCC AGAGCCACCT AGGTGCTAGT
151 CGAGGGCGCA CGGAGCTGAG CTCTCCCGCG GCTCCTGCAC TTCCCTGCGT
201 CCGGCTGGT CTGCGCACTC GGGCTGCTTG ATTTGGTGGT GCAAGAAAGG
251 TATGCGTTGC ATACGCCCTA GCGCTTTGCT CCAACGCTCT CAGCCCCCTT
301 GGCTCAGACA GTCCACTCTT AGGTCTGGTT CTCACGGCTT TCCCTGCAGC
351 TGGCTTAGCT GAGAAGCGGG TGAGAGTCGC GTCAGCAGTT TTGAGGAGA
401 AAGTSCGGGT TGATTATTGA CCCACGCTT CTTTCCTCAA ATGCCACATC
451 CGACCTTGAG GGTTTGAAGA GAAAAGCGG CCGAGCBGHW TTNNYCGGCG
501 GGCTCTCACC TCCTAMACGT CCGGGGCTCT TCCCTTTCAA GTTGGCGCGC
551 TGCAATCTGC CATAAGGAGC AAGTGTTCG TGTTTTGTGC TCTGTTTACA
601 GCTTT

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ug37rcon Length: 465 March 21, 1996 10:20 AM Check: 2726 ..

1 GAATTCCTAAC GCGTGCACGA GTCAGGGGCT CGTCCGAAAG CCGCCGTGGC
51 GCAATGAAGG TGAAGGGCCC CGCCCGGGG GCGCAGGTG GATCCCGAG
101 GCCTCTCCAG TCCGCGAGG GCGACCACC GCGCCGTCTC GCGCGCGCG
151 CCGGGGAGGT GGAGCACGAG CGTACGCTT TAGGACCGA AAGATGGTGA
201 ACTATGCGCTG GCGAGGGCGA AGCAGAGGAA ACTCTGGTGG AGGTCCGTAG
251 CGGTCTCTGAC GTGCAATCG GTGCTCGAC CTGGGTATAG GCGCGAAAGA
301 CTAATCGAAC CATGTAGTAG CTGGTCCCT HCNAAGTTTC CCTCAGATA
351 GCTGGCGCTC TCGCTCCCGA CGTACGAGT TTTATCCGGT AAAGCGAATG
401 ATTAGAGGTC TTGGGGGGCG AAACGATCTC AACCTATTCT CAAACTTTAA
451 ATGGGTAAGA AGCCC

ug39rcon Length: 681 March 21, 1996 10:20 AM Check: 431 ..

1 GAATTCGCAG CAGCAGAAGA TGGGCGCTTA AAAAGGGGCG ATCAGATCAT
51 TGCTGTCAAT GGGCAAAGTC TAGAAGGAGT GACCCATGAA GAAGCTGTTG
101 CCATCTCTCA GAGGACAAAG GGCACCGTCA CCCTCATGGT TCTCTCTTGA
151 AGTGACTGCC AGAGCTGAAG CAGCCCGACC ACTGGCTCCC CTCTACTGTT
201 AACAGAGAGG ACCTGTTTGT ATGCTGTGTT GGTCCGAGAA AACTACAGGG
251 AGGCGAGAAA CAGAGTGTTT GTTACTCACA GCCAAGCATC ATTTTTCCTT
301 TACTCTGCAT TTCATGATCA TATACTCAA AAGAAGAGAT ATTTGCATAG
351 ATAAACCTCA GTTTTATCTC GACAATATCT AACAAITTA GGTCACGTGG
401 ACAAATATAT TATATGTTCA TCTTGTAGT GTGGAACAA AATGATACAA
451 AGTTAGGCAA TTAGGTTTAA GATGAAATT TAGAGAAAAA GAAGACAGTT
501 TTGAGTTTGA TAGGACTTCT TCAATCCAGC AGTCCAAAAG AAGAAAAGAA
551 AGTGCTTGCA ATACTTTTGA ATAGCTACT GTTTTAAAT TGTGACATAT
601 TGGTCCTACT TACCTTAAT GCATATTTT CTGCTAAAAT TGTTTAGCAG
651 TCCTTGTAAG CTTTAAAAGR AATTCCYGT T

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ug40rcon Length: 538 March 21, 1996 10:20 AM Check: 3661 ..

1 GAATTCOCCTT CAGAATTGTC ACCCCACATA AAAAGTTTTC CATCCTCAGT
51 AAGAGCAGCG GATGTATTGG CGCCAGCAGA GAGCTGTTTA ATGGTATCAG
101 CAGGTGTAAA GAAGACAATT TGATGAAAGG TGTCCTCTATC GTCAGTGTCA
151 CCAAGCCCCA GTTGACCTTC ATTATTTCOA CCAGCTGCAT ATACGCCACC
201 AGTATCTGTT GAAACTAAGG TGTGGTTCTT TCCACAGGCA GCAAGTTTCA
251 CCTTCTCAGG CTTAAGAGCT TTGATACATG TTGGCTTGAT GATAGCAGCT
301 TTTGATCCTA ATCTAACTG ACCCCAGTTG TTACTGCCGA ACATGTACAA
351 TTTATTATTT CCTGTAACAA TAGCAGTATG TTCATCTCCA CATGAAAGAC
401 ATATGGGTAT GTCATTTTAA AACCAGAATT TGCTAGGAAT ATTTTCGGCA
451 AATTTAGTTN NNCAAAAGTT AAAAACAGCA CCTGTATCGG GCACCAAGTA
501 CTCAGATTCC GCCATGCCGA AGCCTGCCAA CGGAATCT

ug41rcon Length: 130 March 21, 1996 10:20 AM Check: 4316 ..

1 GCGCTTCTNG CKRNNGTCAT GGCATCNTAG GAGNGTSCC AATBRGCSG
51 CTATTAKGTN GASTGCGTHN TTTARCRATT TACASCTKGG GCGGTTGGT
101 TTTTTAGCVA ACCGTAYGGT SGATCTTGGG

ug42con Length: 422 March 21, 1996 10:20 AM Check: 7052 ..

1 ATTCTCAGGC CTCCTTAGTC ACTGAGACCA GGCTCTTCCC ATCAAACTCC
51 TTGAGCTGCT GCACGCAGTA CTCGTCAATA GGCTCAGTCA TATACACCAC
101 CTCGAAGCCC CGCTTCCGCA CTCGCTCCAC AAAGGCAGAG TTGGCCACTT
151 GCTCTTTGCT CTCACCAAGT ATATAGTAGA TGGACTTCTG GGTCCTCTTC
201 ATGCGAGACA CATACTCTGA CAAGGAGGTC ATCTCATCTC CAGACTGAGA
251 GGTGTGATAG CGAAGGAGCT CAGAGAGGCG GCBGCGTTA GTGGAATCTT
301 CATGAATTCC AAGCTTTAAA TTCTTGGAGA AGGCCTCATA GAACCTCTTG
351 TAGTTCTCTT TGTCTCTCAG CAGCTCGGAG WAKATGCTYC AHGGCACTTC
401 TTGACGATGT TCTTGCGGAT GA

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ug43rcon Length: 383 March 21, 1996 10:20 AM Check: 8524 ..

1 CGCAGTGTGT SNTGCGATTT AGTTTTTTTT TYBBGCACCT TATTCCTGTG
51 GTGTCTTCAC TAGAGATAAT CAGGGTGCCA CTACTGCTTC TTACTTTGAT
101 ACCTTTAGCA AAAATCCCAA TGAGGTAATT TATGGTTTAG TAAATGAAT
151 CAATAGCTTT TTKGTTTCAA GAGTCCAACA ATCCTAATTC CTGAACTTT
201 TTCTTAGAGG TTATATTTTC CAATCTTGGT TTTGTTTCIT TTAAWTTTGT
251 TCYTTAWCTT TCTCTCATTC TYACGKKATT TCTGAAACAA CACCCCACTA
301 GGAAWTTGAG CCCMCAGTTC AATTKGACCT CACCTCCTAA GAAGTGGGSC
351 TTCTTTTCAG TGGACCACCA CTWAAAGGRA AAC

ug44rcon Length: 609 March 21, 1996 10:20 AM Check: 6689 ..

1 GAATTCTGT GGGCAATGAC ACACACACAC ACAGAGTGAG GGAGAGAGAG
51 ACAGATACAC ACATACATTT GAATGAAATT TTAATTAAAC TCATGTAATG
101 CCCTTGAGAC ATGGAAAACG CAGTTGTGAG GTTAAACCAT ACAAGCTTAA
151 GACTTTGACA GCATCAAATT GATCACCACG TTTACTGTCA GAAGCACAGA
201 ATTCATGGTT TCCCACTTTC TTTCCTACGT TAGATAAGCT TGCTAGTGTA
251 GAGTTTGTC TAGGCGATGT CTGTTTCAGA TAGGCTGTTA ACGATTCA
301 GTTGTTTCTA ATTAAATATG AGTTTTTAAG TTATTGATGC CCCCATGTGG
351 TGAAAAGCGT ATCTTTCTTC TGTTAGAACT TGGAATGAC TATATTTTCA
401 TTTTAATAAA AGTGGATAAT AATGTTTTTT GGAATGCTG TTGATCAGGG
451 ACATAATTG AATTTTGTA AGCTCATGCG CATAAAATTC ACAGCCTCAC
501 CCTGTGTTGT CTCAGAAGTG CATGTAACCA AGCACGCCCA TTGAGACAAA
551 GTATAAGAGA GACTGAGTTA TAGAATAGCM TAGGGCTTTH TCYGATCCAT
601 GTTTGDTGA

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ug45 Length: 325 April 26, 1996 3:26 PM Check: 5252 ..

1 TCAGACCAAC ATCAATCGAT TCATTAAATA TCTTACACTA TTCTGATTA
51 CCATGCTTAT YCTCACCTCA GCCACAACA TATTCAACT TTTCATTGGC
101 TGAGAAGGGG TGGGAATTAT ATCTTTCTTA CTAATTGGAT GATGGTACGG
151 ACGAACAGAC GCAAATACTG CAGCCCTACA AGCAATCCTC TATAACCGCA
201 TCGGAGACAT CGGATTCAAT TAGCTATAAG TTGATTTTC CCTAAACATA
251 AACTYATGGA GAACTTCAAC AGATTATATT CTCCAACAAC AACGACAATC
301 TAATTCCACT TATAGGGCCT ATTAA

ug46 Length: 360 April 26, 1996 3:26 PM Check: 3343 ..

1 TTGATGGAT TCCATCGAGG CTTCCTTTG TTGCCTTGCT CACCTGTGA
51 TTGCTATAGA GTCCCTGGGG TCCAGGAACC TGCAAGAGAT GGGGGTGAAG
101 GCCCTCTATG CATAGGTTCC ATATCAGTGT GTTGCTTGCC TGGTGGCAGC
151 CCACATTTGT ACCCACTTCC TCTGCTGCTC TAGGAGCCTG GAACATGCTC
201 TTCCCAGACC TGCCTCTGCC TTTCCTGTG GTCTACTCC GTGCCACAGC
251 ACTTGGGAAG TCTTGTGTAC TAAGTCTCCT GATAGCCAGT GCGCTGCTTT
301 AGAGTGTGG CCGCCTTCCC ACCGGCGTGG CCGGGGACCA TCCATTTCTT
351 CTTCCTTCTT

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ug47:con Length: 456 March 21, 1996 10:20 AM Check: 5786 ..

1 GAATTCGTTT CCTGACATCA AGAAAACACT GCAAGTTCCTC AGGACAACGG
51 GGACAGAGCT GAAGCTGGGG ACAGAAGCAG GGTGCTCCCTC AGGCTACTTC
101 TGTCTGGTTT TCCAGCCACC CAGACCCTGA CTTGGGGCGT GAGTCTTTAA
151 AATAGCTACA GTACAAGTAG GTATATGAAA GTGGAGTGTC CTTCAGAGTT
201 CAAGCTACTA CAAAATGATA CCTGTCCCTC CCAGGGAATC CCAATTCAGA
251 AGTCAGAAAT AAAGTGGCCA ATTATCTCTG AGACAGGGAG AGAGAGACAG
301 CCTTGGAAACG TTGCATCCAT GAGGACAGTA ATTTGTAAAT GCTAAATGGT
351 ATCCCCCTTC ATACAATGTG GCAAGGSATA TATGTCTTAA AACCAGCTTG
401 AGCCAGGTAT GGTGATACAC YYCTGCAATC CAAACAMTTC GGGAGGCGTA
451 GAGAGA

ug48 Length: 274 April 26, 1996 3:26 PM Check: 2576 ..

1 GGAATTCGAT CGGCCATATC CACTAAACTG CTGGCTGGAG CTCTGAGAGC
51 TCCTCCCTGC TGAGGGGGTG CTGCTCGCCC CGTAAGTGCC AGCAGCATAC
101 TCCTGCGCGG TGTAGCCACT GGTGCCATA GGCAGCTGCC CCATAGGTGC
151 CTTGAGCATA GGTGTATTGG CCTGCTTGTC CCCCAAAGGC AGAATTGGG
201 CTTCCATAGC CACTGCCATT AGCATAACTG GCTCTATCGG GTTTCACATA
251 CSGATCCCTG TAAGCTTGTA GAAT

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ug49rcon Length: 521 March 21, 1996 10:20 AM Check: 2751 ..

1 GAATTCGTAA AAGGAGGCCT CGAATCTGAG TGACAATGGG CCCTTCTACT
51 CCAGGGACAA TGATTGTATC CCCTTCCTTC AAACGTCCAT TGATCAATAT
101 GACATCTATT GTGGTGCCCA TTCCITGGGAG AGCTTTAACC TCCATGACTT
151 GTGCTCTCAG CTCTTCACAG TGTGCAAGCC TCTTGCTCAA CATGGTTTGA
201 GTTAAGTCCA CAAGAAGGTA GATGAGACTT CCCATGCCAT CACCAGTATG
251 TGCAGAGGTA GGTACCAAGG ACACGAAAGT GCGGGGGATC TTTATTTCTCA
301 TAAACAAAG CAGCATTCAA ACCCTGCTGT GCAAAATCTA CAATAATGGC
351 CTTTGACAGC TCCTCAAATT CATCCTTTGT ATCCTTCTTC TGCTTTTTTA
401 AAGTAACAGC CWCATCTAGR ATCAGGASTB TTTTTCCTAA TCATATAACC
451 TGTTCATCTC TTATTAAGTG CAACAATGAA GGGGCACTTT TTAGATTTGA
501 GAATTTTGAT TGATTCAATT G

ug50rcon Length: 575 March 21, 1996 10:20 AM Check: 259 ..

1 CTCAGCTATG CADVVVNNTG GTACGAGCTC GGATCCACTA GTAACGGCCG
51 CCAGTIGGGT GGAATTCCTT TTTTTTTTTT TTTTITGAGA CAGGGTTTCT
101 CTGTATAGTC CTGSGTGTCC TGGAACTCAC TCTGGGATCA GGGTGGCCTT
151 GAACTCAGAA ATCTGCCTAC CCTGCCTCC CAAGTGCTGG GATTAAAGGC
201 GTGCACCACC ACTACCGCCC GGCCACTGAT ATGCCTTAAG TGACAGACAT
251 TATGCTTGTC AATTAGCTTT CACAAACAGT ACTGTCTCTA CAAGGCATTC
301 AGATACAAGG AGCCTCAAGT ATCTCCTACC TGATAAGTCA TGTCAAGAGG
351 CTGCACTTCA TATGGGGTCA TTTATAATGT ACATGATTTT ATTTGTATAT
401 TACTACTGAT CATGTACCAG GGAACTATT CTCAGAACCC AGTTTTTGT
451 GGAAWACAAA AAGTGCAATA TATGACTCAA GTGCAAAARA AATCTCCAA
501 TTTTATTTCT GTAAGGACAG GCTGGGCTG ATGCACACAG GTCCCTCCCC
551 GGACTAGTAA GGCAARATGC AGCTA

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ug51rcon Length: 449 April 26, 1996 6:12 PM Check: 5178 ..

1 GGAATTCCTT TTTTTTTTTT TTTTTTTTTT TTTTGAAC AACTCAGCAA
51 AATAAATTC CGTTTATTG TTGGACATG TTTCACACAT ACATCAAACA
101 GGCCAAAAAA AATAAACAG CAACTTCATA GACAGAAAGA AAAGGAAAAA
151 AAAAATCTTT TTATCTTTGG CCTTTTAAAC CATCTCATAC AAACCAACTA
201 CTTATAGTAC AGCTAGGTAC ATACACAAA GTTACTGGAA TGCTCGGAAT
251 AAGATTGTTT TTTTGTGTTT GTTTTGCCTT TTTTTCACAA GGTTTTTTTT
301 TTCTCCTTGG AGATTATAAT GAACATGGT ACACCACAAG TAAAGTCTGA
351 AGTAGGACAG AAAACKCTCT GAAGGCTGGT TTGGTCAACC GTTATCATTA
401 AAAATGGCTG GACCCTTAAC AATATGTTAC AAAAATTTAA AATGTTAAT

ug52rcon Length: 487 April 10, 1996 10:39 AM Check: 5163 ..

1 GGAATTCCTT TATCATAAAA GGTGTGACGT TTATTATTAT TAGCACCATT
51 GAGACATTTT GAAGTTGGAA TTGGTAAAAA AATAAACAA AAGCATTTGA
101 CCTGTATTGG GTGGTTGAAA CAGCAAAAAA TTGTATTCTT TTTTGTCAAA
151 ATTATGCTTT TTCCAAAAGT TTGGAAATAA ATAACCTGGAA TTTAGTTGGT
201 CACTTGCACT GGTGATAAG ATTAAAACAA GATGAACACA TGGATGTGGT
251 TTTTGTTTTG CTGGGGTTTC AGAGAGTTTD GCTTATAAAA AGCAACAGG
301 KCCAATGTCC ACACCAAMT CTTGATCAGG ACCCCCAATG TCATAGGGTG
351 CGATATCTAT GATGGGTAGT CTCATTDCCT TCGGTGTTTG ATATTCAAAG
401 ACTGTCCTDC DCCATCCTCC AGTGTGTTA GTACAGCCAT TCCTCTAGAA
451 CTGTGTAAGT GAATTTDCTG TTTCTTCCA GCCTTGA

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ug53rcon Length: 399 April 10, 1996 10:39 AM Check: 937 ..

1 GGAATTCCAG ATCAGCTCCA ACCCGGNGCT GGCAGCCATC TTGAAAGTAG
51 TCCAGAAAGA TTCTTCGTCC ACCAACTTGG AATCAATGGA CACGAGTTAG
101 ATGTGTGCNC CCCGTGAGGA CCATTCCATG TGACCGCACA ATGCACTGAA
151 CGACAGGTG ACCACAGCCA CGGGAGAGAA GTGTCCAGAG CTTCACGATG
201 TTCCACTTTA CTTCCTTCC CGGGAAGTTT GTTTGGCTTT CTTCATTGT
251 TGTTTTGTGA GCTTTTWCCT CAGAACTCTG TATTTCCATA AGCCAGAGGT
301 TGTAAAGCCA CTGATGTTT TAGTGGTTAG GGCAACATTT GAAATGGGAA
351 CTTAADDNCT TGGATTATG AAATGTGGAA ATAGGGTCCA GTATCTGTT

ug54 Length: 343 May 30, 1996 10:49 AM Check: 1736 ..

1 GAATTCOCGG GATTTCATGA TTAAAAAGGA AACATGGTGG TATTAACCCA
51 CTGGCAGGT GTCAAACTCT CATGACCAGC TTAAGACAGA TCCTAGACGG
101 AAAGGGAGGT GCAGCCCAAG TCAGGCTTT GGGGTGCACA GGGAGCCAGT
151 AAGGAGGAGA CCGTCTGGGT TTCTTCCAG ATGTTAACAT CTCTTGGCT
201 CTTACTCACT CCCACCTTC CTCGTAAACA AATCAAGGCG AGCCCTCTAA
251 GGCTGGAGAT AGCCAGTCC AGCTCAGATT TAATACTCTA GCCCTTCCCC
301 TTGTGTTATT TTHMCMAGC TGCCCTCTGC TCCTAACATA TGA

ug55rcon Length: 203 March 21, 1996 10:20 AM Check: 2802 ..

1 GAATTCGAAC AGGCAATSA GGAGCTTGA GAACCTAYCC AGAATGTSA
51 AGACTTSCCT CAGCCGTGAG CCTCCATGT GSCCCAGGCC ATGTGCTGC
101 TTCCCTTGTG TCTGTGTGTA CTTGAGTCTC GGTGTCTGCA ATGACATGT
151 GTTTATRACC CTATGTCTGG CCTGAGTCS CTGTCAGTC AATGTSCTTA
201 AGT

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ug56 Length: 441 May 30, 1996 10:47 AM Check: 5801 ..

1 GAATTCCTC CTCCGCGAGT TGACAAGCCA AGCCGCCAGC TAGCTTCATC
51 ACCAACTCGC TCTCGCTCCA CCATCCTGGA ACCCTTTCCC AGCTTCACCA
101 CCACATCCGT ATGGCTCCTT CTTCCTAGCT TCTCCACCG AACCGCACTC
151 TTCTCTGGG TATCTTCACC ATGCACTGCT GCTGCHGGCT CCTCAGTCTT
201 TCTTAGCTTC ACCAACTGG CTTCGGGACT CCTGCTGACC GCTCTGTGCT
251 TCTTAGTTCA CTGAATGCAC TTCTGTGTAG ACCTGGGTCA GCTGCCAATG
301 CTAGTCGTTA GGATTTTAAA AGCACCTCAG CTCAAGTCCA ATGCAAAATG
351 CTGACAAATCT TGAAACTGTT ATCAAAAGTC CTTTGTGCAT CAAGCAAAAT
401 TAAGCTACAA GTTAAGGCTT TTAATATTCT CTAATCTTTA A

ug57rcon Length: 390 April 10, 1996 10:39 AM Check: 1663 ..

1 GAATTCCTGA AGTGTGAGCG TCTCTGGAGC AGATTTTTC CGGGGCCGGT
51 CTTTGGGAAT GGACAGAAAT TCTGGCGCAT CTGTGGAGAG AGGGGTGGAT
101 GGGGCGCTGG AGGGGGGCT GCGCACCGAG GAAGGCAGTA GGGCGATGCT
151 GGAGATAGAA ATGGCCGGTG GGAAAWHGCC AATCTCTTG TTGGTGGCTT
201 CCTGAGTGGC TCTTTGGAAC TCTCGCACTT CATCATTTGT CATGCTTCA
251 AAGGGAAAAG CGGAGAAAAG AATAGTTACT GTTGGGACBG GCAAAATGGGT
301 TWHHHHNNCT AAATCTGGGG ACACTACCAT GAAGCTGATG CCTACCCAAT
351 CACAAACTTG ACATGTCTTT GAAATATTAG ACCCTCATTT

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ug58rcon Length: 426 April 10, 1996 10:39 AM Check: 9352 ..

1 GGAATTCCCTC GGTCACTACT GGGAGAGAG GGCCTTTGT CTTAAAATTT
51 TTATATGCCC CAGTACAGGG GAAGGACAGG GCCAAGAAGT GGGAGCAGCA
101 TGGGGGGGGG TGATTTTCGG GATAGCATTT GAAATGTAAA TGAAAAAATA
151 TCTAATAAAT TTTTAAAAA GGCAGATGTT AAAATGTGAC AATAAATAAA
201 TAAACAAACA AACAAATAAA TGTTTTACAA CCTAAAAATT TTAAAGAAAA
251 AATGAAAAGT GGAGATGAGG GOCCTAATTT ACCTAATTTT ACTGCTGCAT
301 CCTATTGGAA AATAAGTAAC AAAAAGTGTG AAATTTGTTC ATGTTTCTTT
351 GGTATTGTGT TTAATGAATA GTTCTTAAAC DCAGAAATCC TTGTGGAGGC
401 AGCGCAGAGT AATGCATTGA TCATCA

ug59 Length: 385 April 10, 1996 10:39 AM Check: 5045 ..

1 TCTGAGACAA GGTCTTAGTG TACACGGCCT GCATGACCTG GCCTCCTGCT
51 TAAAGAAATC CTCTTACCTC TGCCGCCAA ACGCTGGGAT TACAGGAACA
101 TGCCACCAGA TACAGCCAAA ATCATTTACCT TTTCTTTCTTT CTTTTCAGTA
151 CCAGGGTCTT ACACATGCTA GGCAAACCTT CCRATACTAG CTACACCCAC
201 AGCTCAGCGA CACAAGCTCG TCTCTTGTGC TTGAGTCTAC AGTGAAAGTT
251 GACTCAACTG AAATGTTTAC CTGTGTGATG CTGTAAACACT GTCTGAGTCC
301 AGAAGGTTTT CAGTCATCCT TAACTGCAGC ACCTCTGGCA TNYNGTCTGA
351 CTTTCTTACA CCTTCTTCTG GAAGTTCTTC TATAT

ug60 Length: 299 April 26, 1996 3:26 PM Check: 551 ..

1 GCGGTAGGC GAGCAGCGCC TGCTGAAGC TGCGGGCAIT CCCGATCAGA
51 AATGAGCGCC AGTCGTCTGC GGCTCTCGGC ACCGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTCGAG CAGCGCCCGC TTGTTCTGTA
151 AGTGCCAGTA AAGCGCGGC TGCTGAACCC CCAACCGTTC CGCCAGTTTG
201 CGTGTCGTCA GACCGTCTAC SOGACCTCGT TCAACAGGTC CAGGGCCGCA
251 CGGATCACTG TATTGGGCTG CAACTTTTGT CAATGCCTTG ACACTTTTA

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ug61rcon Length: 390 March 21, 1996 10:20 AM Check: 1643 ..

1 GAATTCCTTTT TTTTGTATAT TATCTGAAAT GATGTTTTGA AACTTCCTTT
51 GTCTCTGCCT CACCCCAAC CTACTCCCTT CTCCAAATCA CAAACTAGGG
101 AATCTGGAAA CCAAGGAAAA TACCAATCC AGATTCTTTT TGAAGACCTA
151 GAACCTTTTA AGATGACTCC TTTCAGTGCT ATTGGTTTGG AGCTCTGGTC
201 CATGACATCC GACATCTTTT TTGACAACT TTATCATTAK TGGTGACCGA
251 AGAGTAGTTG ATGATTGGGC CAATGATGGG TGGGGGCCCTG AAGAAAGCTG
301 CTGATGGGGC TGCTGAGGTT AATGATTGTT CATTAAATGT GGATTTTAT
351 CCACTTTTGG GGGGGAGACT GATTACTTTT TAAAAAGCAG

ug62rcon Length: 389 April 10, 1996 10:39 AM Check: 7747 ..

1 GGAATTGCTC AGTGAGTGTT GACTCATCCA AATACCAAGT GCTCTGGTCT
51 GAAGCTGAGG GCCTGCTGT AGGGTCCGA GCCCACACA CTGTGTGAT
101 GGCTGTGGAC TGGGAGGAAA GGAGCTGCTC TAGAAGACGC TGGGCTGTGG
151 GGAGAATCTG CTGAGGAAGC TCACTGATAA GGTACTGAGC AATTTTGTGA
201 AGCTGGTCCC TTTGTAGCCG AGACAGGGAC TCTGAGACTG GAGCCCCGAG
251 GCAGACTGCA GATGCGTTGT GAATGCGGAA GAGGCAGAGT GCCACGACAT
301 GGGTGACCA TTTGGCCCCG GCCCACAGG TACAGCTACA AGAAGTGACC
351 CGGCAGCNGT CAACATCAC AGCTACATTG TAGGCCCCC

ug63rcon Length: 344 April 10, 1996 10:39 AM Check: 163 ..

1 GGAATTCAG ATATCTGGCC AGCATCCTTA GTGGCCTGTC GCTGTGAATC
51 ATTGAATAAA GCAGGGACTG TGATCACAGC ATTTTGTGCT GTGTGGCCCA
101 AGTAATTTTC TGCAGTCTCT TTCACTTCA TCAACACAAA TGCTCCAATC
151 TGACTTGGAG AATAGAGTTT TCCATGAGCC TCAACCCAAG CATCACCAT
201 GGAGCGCACG GCACAATTTT AAAAGGACAC ATCTCTTAGT GTCTTCTCTG
251 TCACCTCTAG GGGTCACTCA TACTGGCTCG CTCCAATAAG CAGGCTTAGT
301 ACGCATAGAA GGTATTGTTT GGATTGGTSA CAGCTTCCCG TTTT

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ug64rcon Length: 354 April 10, 1996 10:39 AM Check: 3429 ..

1 GGAATTCCTAT TTGTAACCCC CTAATTTGTA ACCCTGTAAC CCAGGGAGGT
51 TAGACAACAC TCATTCCCTG GTGTCTTTTG TCTCACTGAT CAGTCAGAAC
101 CCAGCCTGAA AGCAGTTGTA GGACTGTTTT CTAAGCCCTG GGCAGCAGAG
151 GCAGGATTAG GAGTTCAAAG CAAGTCTTAA CTACATGGCA TAAAGAAAGT
201 AGGAGCTACA GGAGATGTTT CTCTAAACAG ACAGATATGA AATCTCTTTA
251 AAAACAGGGA ATGAAATCTT TAATTTTGGG GAGCAATATT GGAGAACTGW
301 TNCACCTAAG AGATCACCCA TGTGATAGTG AAAAATGAAA TTTAAATCT
351 CAAT

ug65rcon Length: 387 April 10, 1996 10:39 AM Check: 5758 ..

1 GGAATTCGGC TGAGGCTGCA ATGTGAGGTI AGATGTGGAG TCACGCTGTT
51 CAGGTTTCTC ATTAAGAGGA TTGGCAGTGA AATTGCCCTTC CAAAGAACTC
101 TGCAGTGGGA TGTGGCACAA TTCTGAGAGT TGA CTCTGAT GCATTCTTTC
151 AGGTTTTTAA CAGTATTTGA TTATAACAT ATGGATATTTC AATTGAGACA
201 ATTTTTTATT TTCTCCCTGG GTAGGAAGAA CCACTAAGTA AAGGGCAAGC
251 TGGGCTTGCC TGCTCTCTCT GTCCAGTTCT ACAATTAGTCC AGTCTGCACA
301 GTGTCCCATG CTGCCGTGTA WCACAAATG TGGTCTCTGG GTTAAGAGTC
351 ATGTGTTTTT CAGACCTTGA ACTCTCTACT GAGCAGA

ug66rcon Length: 269 April 10, 1996 10:39 AM Check: 6569 ..

1 GGAATTCCCC GCGTCGAGCN NGCCGCTTTT TTTTNTTTT TTTTNTTTT
51 ACCATGCAAC AAAACCTTAA TTAACATTTT TTAACAGAGG TTCAGCTATT
101 ATTGAAACTT GTAATTTCTA AACTTAAATT GGGGCAAGTG GCTAGAGTGC
151 AGAGTAATGC CATCACTGCC CACTGGGAAT GCAGACCGAA TAATTAATAG
201 CCANNNCNAC AGACGGAGAG ACCAGGTGCA AGGTCGACTC CTTTCNIRGAW
251 GGTGTGAATC AGAGAGAGT

ug67rcon Length: 464 April 10, 1996 10:39 AM Check: 4611 ..

1 GGAATTCOCA GAGGGGGGAT CTCATCAGGA AGGCGATGAG GATGCCTCGC
51 GCATGGAAGA GGTGGATTAA AGCCTCCTGG AAGAAGCCCT GCCCTCTGTA
101 TAGTATCCCC GTGGCTCCCC CAGCAGCCCT GACCCACCTG GCTCTCTGCT
151 CATGTCTACA AGAATCTTCT ATCCTGTCTT GTGCCTTTAAG GCAGGAAGAT
201 CCCCCTCCAC AGAATAGCAG GGTGGGGTGT TATGTATTGT GGTTTTMTTG
251 TTTGTTTTTAW TTTGTCTCTAA AATTAAAAGT ATGCAAAATA AAGAAGATGC
301 AGTTTTTATAG AATTCCACCA CACTGGCGGC CGCTCGAGCA TGCATCTAGA
351 GGGCCCAATH CGCCCTATAG TGAGTCGTAT TACAATTCAC TGGCGTCTGT
401 TTTACAACGT CGTGACTGGG AAAACCTKGC GTTACCCAAC TTAAMCGCCT
451 TGCAGCACAT CCCC

ug68rcon Length: 328 March 21, 1996 10:20 AM Check: 7945 ..

1 GAATTCOGGA ATGGCATGAT ACTGAAGCCC CACTTCACCA AGGATTGGCA
51 GCAGCGAGTG GACACTTGGT TCARCCAGCC GCGCGCAAG ATCCGCGAGC
101 GCAAGGCCCG GCTGGCGAAA GCKCGTCGCA TCGCCCTCGC CCCCCTGTC
151 GGGCCCATCA GGCCCATCGT GAGGTGCCCT ACACTGAGAT ACCACACCAA
201 GGTCCGKCT GGCAGGGGCT TCAGCTGGA GAGCTCAGG GTGGCTGGCA
251 TCCACAAGAA AGTGGCTGCG ACCATCGGCA TCTCTGTGGA CCGAGGWDG
301 CGAAACAAGT CCAAGGAGTC ACTGCAGG

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ug69rcon Length: 526 April 10, 1996 10:39 AM Check: 4337 ..

1 GGAATTCOCGG ATCTCTTCTG TGTTCOCAC ACTCAAGCAC CGATGGCGT
51 TCTATGGCGT CCGCCTCGGC TCAGCCCGCG GCCCTGAGCG CGGAGCAGGC
101 CAAGGTGGTC CTGGCGGAGG TGATTCAAGC GTTCTCGGCC CCAGAGAATG
151 CCGTGCGCAT GGACGAGGCT AGAGACAATG CGTGCAACGA TATGGGCAAG
201 ATGCTGCAAT TTGTGCTGCC CGTAGCCACA CAGATCCAAC AAGAGSTTAT
251 TAAAGCCTAT GGCCTCAGCT GCGACGGGGA AGGTGTCCCT AAGTTTGCCC
301 GCCTGGTCAA GTCTTATGAA GCCCAGGATC CCGAGATTGC CAGCCTGTCA
351 GGCAAGCTGA AGGCCCTGTT CCTGCCACCC ATGACACTGC CGCCCCATGG
401 GGCTKCTTCT TGGAAACAGC TBINGCAGCC TYCTGAGATT BGTTCCTGTA
451 TGTGTKCCCTG CCTGCTGTTG GARGCCGGCC CTTGTGTTC AGAGGRTAAT
501 AAATGTACHT GTGACTCAA AAAAAA

ug70rcon Length: 598 March 21, 1996 10:20 AM Check: 34 ..

1 GAATCTAAC TATCTAAAAA TATGAATGGA TAACCAAAAGT ATTCCAAACG
51 TGGCTATTCT GATCCACCGT TTGTTTTTCT CTAAAAA AAAAAGAT
101 GTACAGAAAT TGTATAAAAG ACTTTGTGAA TTCAATGAGA GTTAGCTTCC
151 AGTCTTCACA TCCCAAATGC TGGGTTTACA GTTTTGGCTC CTTTGATAT
201 TTGCCTGTAG AATTAAGACT CATAATTTTT GCCTTGCTAA CAGAACACAC
251 TTTAAATTAT GAAAAGCCCT CAACATATAC CAAAGTAAAA GACAGCATTT
301 TGAAATTAGC CAAGGCOAAC ATGATTCTGC TCTCTGGAAC CAGTGTACTC
351 TAGTGAATTT GGTGCTTGTG GTGAGTGAGA AACGACAATG GGAATGTCT
401 ACTGTTTGAC TTTTGAATC AGATTATTC AGTGGTGGCT GGACTTGGGG
451 ATGGGTTCAA TCCACCATTG YCTGGCAGAT GTTAATTACT AGGTAAGGT
501 CAAATACAA KTHAGACCTA AAGCCACAGG AGGAGGATGC AAAACGTTCA
551 ATTCCAAAGA GAACAGTTT GWGTTCAACA ACATGGGACT TTWCCTAG

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ug71rcon Length: 474 March 21, 1996 10:20 AM Check: 8906 ..

1 GAATTCGGAA TGGTGGCGCT GTGCTGTGA GCTTCOGAAG TTAATGGATT
51 GTTCTGGCTG TGACGAACAG GATGACGGTG TCAGGCGACT CCAGCCAAAA
101 GCTTTGCAAA GTGGCTCGAG TCACAGTACT CTGATGCTGA GGCAGGAGGG
151 CTCCAGTTT GAGTCAGCTA GGGCTCAAAC CAACCCAAAA AAGCCTGCCA
201 AGTGAAAAAA GACACTTTCC AGAGCTGTTG CAAGGTGCAG CTGGCAGCAC
251 AGCACAGCTC AGCCCATCCC AGCCCAGAAG GAGCAGCGCC ACCCAGGGC
301 GCAGGGAGGA AGTAGGAAGG CTGCAGGGGG CAGGCAGCTT TCCCTGGGAC
351 AAAGAAAAGG AACATTGGT CTCTCAGTGT CTGCTCTTCT AGATCCAAAT
401 ACACAGTACN CCTTTGCTGG TGTTTTGT TTGAAATTAAAG AATATTAAG
451 TTTGGGGGAA TTCACCACAC TGRC

ug72rcon Length: 409 March 21, 1996 10:20 AM Check: 4256 ..

1 GAATTCGTCA ATAAGGTATA GGCTACACC TTCTCACCAG CTCTTCTGT
51 CCGGCCAATC CTGTGAGTGT GCGTATCAAT GTCCCGTGCT ACATCATAGT
101 TAATGACTGT CTTAATGGAA GGAATATCCA GACCACGGGC TGCAACATCA
151 GTGGCCACCA GGACGGGGAT GTCCTTTTTC TTAAAATCTG AAATAACCTT
201 GTTCTTTTGG CTCTGATCCA TGTCCCATG GAGCAGACCA AGATTATGAC
251 CCTCCTGCTT CAGGTTACTG GCTAGCTCTT CAGCATTGGC TTTCTTAGTA
301 ACAAACAAGA GCACACTCCC CGAGGAAGTA AACTCCACCA GAGCCGAGT
351 CAGCAGTTC CATTTACTKG GTCGGGAATG GAGAATYTCC ACAACTGTG
401 TCACATYTT

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ug73rcon Length: 331 March 21, 1996 10:20 AM Check: 3911 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GGATCCACTA GTAACGGCCG CCAGTGTGGT GAATTCCTCG GCTCGAGCNG
101 CCGATTTTTT TTTTHTTTT TTTTTTCCAA CTAAAGGCT TTATTTGACA
151 CAAAATACAA TATGGCTGCG GGAACACCAA ACTCCAAAAA CAAAGGAACB
201 AAAAAAGGAC CATGGTTCTA TCTAATGTAT AATTACAGG AAGTCACTAG
251 ACGAGTAACA GATGGGTACN CCTTGGCGGA AAGTCTTTC TAATKCCCAT
301 ACTTCTGGAA CTCCACTCT CTGTTGTCCA A

ug74rcon Length: 373 March 21, 1996 10:20 AM Check: 4163 ..

1 GGAATTCGTT TTGGAATAAC TGGTCAACAA AAATCAAAG ATGTCTGGGG
51 GGTGGGGGA GACTGCCTGG CAGTACAGG TGGGGAGAA ACTCCATACA
101 ACAAGACAGT GCAAATCAGC AGGAAACTGC ATGTGTGCAC TCCAGACAGC
151 CAATCCAGGA GCATGCTGTG CATCTGGAA CCTCCAGAT GAGTGCAGAW
201 WTDTGGAAT GCCCATGCA TTCACCTTTA ATGCAACTGC ACCAGCCCTA
251 CTGTGAGTGA TGTGATCTCC CTTTAAAAAC CACCACCAT CATCACTGAT
301 TCAATTATNN YGCAAGTTG TATCTCAAG GACGGAAGCY CTGAAGTGAC
351 CATTACACNAD CTTATAATTT ATA

ug75rcon Length: 312 March 21, 1996 10:20 AM Check: 7316 ..

1 GGAATTCGTC TACAGCAACC AAAGAGATAA CAACAGTAGG GTCTGAAATT
51 TCAAGGGCTC TGGGGTTCCA GGCCAGTATC ATTCACAGAA GGGGATGGGG
101 AGGAGGGCTC CAGAGGCTGC CAGGCTAAGG CTATACAGAA GGBCTCCAT
151 GAAAAGAAGC TTTATGAAGT TTCTOCAGAA ACTCAAATYT GGAGATATTT
201 TTAAATNNC TCAGGCTGTC CCAGCAGAGA ATNCTGTGA TTATKCTGA
251 GAACAAAAGG RGACAGGCCT CCTCTGTGT GGGAGCTGTA CATKCYCTCA
301 CAGGKTGTCT TT

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ug76rcon Length: 279 March 21, 1996 10:20 AM Check: 1041 ..

1 GGAAATTCAG CCTACATCA AGAGAGCCGC AGCCACCAAG CTGCTTCAG
51 CTGAAAAACT CATGTATTN NNMCTGACC AGCTGGGACT GGAGCAAGAC
101 TTTGAGCAGA AACAGATGCC ANAHNGGAAG CHGCTGGTTG ACRGTTTNMT
151 TCTGGGCATT GATGTTAGCA GGGGCATNNA HCHGGAACHT CGATGATCAG
201 CTCAAATTTG TCTCCAATCT CTACAATNAN CTTGCAAAAN CNAANNCNA
251 TAGTGGTAGT NCTGACTAAG TGTGATGAG

ug77rcon Length: 380 March 21, 1996 10:21 AM Check: 1187 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GGATCCACTA GTAAACGGCCG CCAGTGTGGT GGAATTCGGG TAAGCACACT
101 AGCAAAAAA ANAAAAAAY NCAAAACAAA GAGTCTTAGA
151 GGAAGAATGA AGAAACATA CAATACTTTC AATTTGAAGA CAGATGCACA
201 ATACTTTAAC ATATGCCAAA GATTAAAGGG AAAAGATTAC AAAATTATAT
251 CACTGCAAAT TTTGTGTGCTG TGACAAATTA AAAGCAGTTC ATACCAGAAA
301 CACACACAGG TGCAGACCGG TGAGCACACA GGCACCATGC ATTGACAGTG
351 ATGTTGATTC TTTAAAGTAA TGAGCCNTGG

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ug78rcon Length: 558 April 10, 1996 10:39 AM Check: 218 ..

1 GGAATTCGTC ACTGAGTCCT CTCCTCATCT ACATTGTCTA CCAGCCACTA
51 TGAAAGCCTG AGCCCGTACT TGTCAACTAT CCAGGAGGAT TATCCACCT
101 TGTTCACCTCA CCTCTAAAAA CAGATAACAG CCTGCTGCTT GTTTTTGTAA
151 ATAAAGTACT ATTCAAACAG CCACACATAC TCAATTTAGC TATTGTGGT
201 GATTGCTCAC AGACAAGACA AGTTGTTGAG ACAGACAAGT GTGGTCACAA
251 AGCCTAAAAA TATTTACTAT TTGGCACTAT AGAAAAAATG AGACCGCTGG
301 CTTTATTTAG AGAATGAGAA GCGTGTGCT AACAGGGATG ATGATGATGA
351 GTGTGAGGAA GGAATAACTT CCAACMGTG TGACAGCTTA TTTTATAGAA
401 AACCGTCCCA GCAAATTTAT WGTCACTGTC CATTCATTAA CVGCTGGTCA
451 TGTTCATGTT CCCAGTAGCA GGTCACTGT CAATAAACTC CTGATACCCA
501 GAGCTGTTTC CAGTYCCACT CHAACTTAG CACTACTGTT TACCTAGGCC
551 CTCACCT

ug79rcon Length: 364 April 10, 1996 10:39 AM Check: 4696 ..

1 GGAATTCCAA TTCAGAAAAA AAATTCAGAC TGAAATGACT AATCCCATAT
51 CTCATAACCC CTTCAACCAG TAACACCCCC CCCCCAAACC CATTCCTTC
101 AGTGTGTCAG CTCCTAATC TAATGATCAG ATCAATCTAT GAACTCCACA
151 ACAAATAGC TACTGAGCAG CCCTTCCTGA GAAGTAAATA TTCTAGATTT
201 TGGGAACAG TGCCGAAGAC AGAATGCTTA CTGCTAGAA GTTTCATTT
251 CCTTATGAGG GGGTTGAGAA CCAAGATGAC TATTAATGTG TGATGTGATC
301 CHATAAAAGC TGTGKGGAAT TCAGGTTTGG AGGAGGGGAA TAGTGTGACA
351 AAAAAAAAAA ATAT

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ug81rcon Length: 518 April 10, 1996 10:39 AM Check: 4364 ..

1 GGAATTCGCA GATTCTTTT GGACAGTGAT GGGAAAGAGTC TCATCTGTAA
51 AGTGAACCTA TCAAAGATCA ATAGCAAAGT CCTGAAGAGT GGTCAAGCTGG
101 AGGATACATG TCTGGTAGAG CTCTCACTGG CCCTGGACCT GCGCCTACAG
151 GTCAGCGTCA GCAGTTGGCA TCTGACGGCT GTCACGTGAG ATGTGTGGAC
201 ACTCCATGCT GAGCTGCATG AAGGTCTCTT CCATAGTCAG CTACTGTGTC
251 ATGCCCCAGG COGGATTTC AAATCAGTTT CTTGTTTCTG TTTGACTGAG
301 AACTTTGCTG AACCAACTCT GCCTGGGCGT ATACCTCTCT CAGCGGCTGC
351 CAGACCAAGT CAAGGTGAAG ATGGAGAACA CMAGTGTGTG TGTGTCTAT
401 GAACAGTCAA AAACBGCCT TGACTTGCAC ACTGAAGCTG CTGCATTTTC
451 CTGTACCACC GTGATGAGGA CCAACTGCCG CTTGGAAGCY TCACAGCAA
501 CTATGATATB GCACACGA

ug82rcon Length: 518 April 10, 1996 10:39 AM Check: 7161 ..

1 GGAATTCOCA GGTGCAATT GGTAGTCCAG GACCTGCAGG TCCCAGAGGA
51 CCAGTTGGAC CACATGGACC TCCTGGAAAA GATGGAACAA GTGGGCATCC
101 AGGTCTTATT GGACCACCAG GTCTTAGAGG AACAGAGGT GAAAGAGGAT
151 CTGAGGGCTC GCCAGGCCAC CCTGGACAGC CAGGACCCCC TGGACCCCTT
201 GGTGCCCCCTG GTCCCTGCTG TGGTGGTGGT GCTGCTGCCA TTGCTGGAGT
251 TGGAGGTGAA AAGTCTGGTG GCTTTTACC CTATTATGGA GACGATCCAA
301 TGGATTTCAA GATCAACACT GAAGAGATTA TGTCTTCACT CAAGTCTGTT
351 AATKGACAAA TAGAGAGTCT TATAAGCCCT GATKGKTCTC GAAAAAACC
401 TKCTCGGGA CTGCAGAGAC CTAATAWTTT TBBCACCCCG NDCTCTAGAG
451 TGGAGAATAC TGGNGTGATC CTAACCAAGG CTGTCGAGAT TGGATTGCTA
501 TAAAAGTATT CTGTGACA

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ug83rcon Length: 555 April 10, 1996 10:39 AM Check: 4196 ..

1 GGAATTCCTC TGTATAGCCC TGGCTGTCTT GGAGCTCACT TTGTAGACCA
51 GGCTGGCCTC GAACTCAGAA ATCCGCCTGC CACTGCCTCC CAAGTGCGGG
101 GACTAAAGGC GTGTGCCACC ACGTCAGCC TTGTTTGTCT ATCAGTTCTA
151 CAGCACTCAA AGATAACCTT TTGAAATCAA TTGTCTATTT GGGTGACACA
201 ATTCAATCTT CATTCAGCAA CTGCAAAACA ATTGAGTTCT TCATGCCAAC
251 TCAGAAATAC ATGATTACTA GCTTTTACAA GCTGAGCCTC TCTACAGCTG
301 CTGGCAAAAA TGGGGCACAG GGGAGGAGGT GATTTTAAAA CCTGCCATTC
351 AAACCTATCT AGTCTWAMCA GTAGTCAGAG GGAAATATAC TTGAGAACAG
401 GGTAAAACCA GCTTTGGCCA CATTAAGTTC ATGTTAGTGT AGAAAAATTTA
451 AAATCACMAA CATCAATCT CAGTCTACTG TGCAAAATAT AAAGCCGAAT
501 TTTACCATTT ATACTCAGTT CTTTGGAKT CAATCTCAGC AACATTTACT
551 AATAA

ug84rcon Length: 270 March 21, 1996 10:20 AM Check: 7108 ..

1 GGAATTCGGC GCCTTGGATC CATTTCATC TGGTTCTKCT GAGACGGGTN
51 TNGCTCCCTC CCGCAACAG CCAAAATGGT GAAGCTGATC GAGAGCAAGG
101 AAGCTTTTCA GGNRNHCCCT GGNCGCNGCG GGAGACAAGC TTGCTGTGGT
151 GGACTTCTCN NCTACGTGGT GTGGACCTNN CNAATGATC AAGCCCTTCT
201 TCCATNCCCT CTGTGACAAG TATTCCAATG TGGTGTTCCT TGAAGTGGAT
251 KGTGATGACT GCBRGATGT

ug85rcon Length: 186 March 21, 1996 10:20 AM Check: 1621 ..

1 GGAATTCGTG ACTTGTCCAG AGTCTCAGCG CTGATAAAGG AGAAGCTGAA
51 AGTCTCTATC TCCAGCAGCT TKGCTGCTT CYAGAGTCTG GGTTCGTGAA
101 ACTGGGAAAG GAAATTTCTT TCTGACCAGA AGAGTGGAAA GGAATCTGT
151 TTGAAC TGGA CAGAGTGGGC AGGATKGGAG AGGAGA

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ug86rcon Length: 452 March 21, 1996 10:20 AM Check: 4644 ..

1 GGAATCGACG CCCAGGCTCC ACAGGTCGCA GCGCTTGTCTG TAGATGCTGG
51 CCTCTTCACT GAAGGCTCC ACCACCTCTG GNBBATGTA CTCAGCTGAC
101 CCACACGGGG TGAGCAGCTC TGGTGTGGAG ATGGGGGAGC AGTCTCCATT
151 GAGTTTGATA CCACTGCCAA GGTGAAGTC GCAGATCTTC ACTGGCGAGA
201 CCTGGTTGGG GTGCTCACAT AGGATGTTCT CTGGCTTTAG GTCCCTGTNG
251 GCGATGCTT TGTATGCAG GAAGTCCAGG GSACTGGCCA CGTCTGTAC
301 TACCACBSBG GSCTCCAGCN CGTTAAAGTG GCGCTTCTA TGGATGTGGC
351 TTAGGATGGA TCCGCCACGC ATCTTCTCAA ACACCAGGTA GAAAGGCTCC
401 TCCTCCTCAA AGADCTCAAT CAGTCTAGA ACATTCCYAT GTCCCCSGC
451 AC

ug87rcon Length: 279 March 21, 1996 10:20 AM Check: 821 ..

1 GGAATTCCAA CGAACGCTTT GCCACACTCT GCACAGACGT GGACTCTGGG
51 ACGTGGGIG TGCAGATGCT TTCTCATAGC AGAGTTATCC CTGAACATCT
101 TTGTGCAGCC TTTATGAGGG CAAGCTAATT GTTCTTGGAG CATCATCTTC
151 TTTAATTTTT CTTGGCTTCA TTCTGGCAA TTCTGCCAGT BBCTTAGGGT
201 CTGAGAGGTC AATTGGCCAG GTATCCCTYC CAGGDGGGAG TTTCTTBCCT
251 GTCATATATT CCAGATWAT CAGGAGGTG

ug88rcon Length: 236 March 21, 1996 10:20 AM Check: 4242 ..

1 GGAATTCGAA CGYGGCAGT AAAGCAGTCG CTGCTGGACA AGGTCTGACC
51 CCCACCACTG GCCACCCBS TTCTACCACA AGGACTTBNC CTCTGAAGGC
101 CAGTGGCTAC AGGTGGTAGC AGGTGGGCTG CYCTACCCG TCCTGGNNTC
151 CCCCCCTCCA SCCTCCCTTC TCAGTCCCTA ATYBGCTCT CCCACCCCN
201 CCCCAABCAT TBCTTCATCC ATAAGTBGGT CCCTTG

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ug89rcon. Length: 362 March 21, 1996 10:20 AM Check: 2739 ..

1 GGAATTTCAGA ACCTGGCGGA CGAGGAGCCC TGGGCAGTTG GTATGGGCAG
51 TACAGGAACC ATTTGCACTG TCTGGTCACC AAGTTTAAGA GCAATCTAAT
101 GAAGTGGGGG ACACTGTAAG CTAACGAAG ATGAATGTGT GGGGGCTTTT
151 WCTCAACAAC CATTCOCCTA GAGTCTAATA TAAAGTAGA TTTACATTGT
201 TGGGTAATCT GAAGCTGGTG ATTTCTAGTG CCTTTGGTAA TAATCAATAA
251 CNCAGCAGTT GCGTGGCAGA KKGATCCMCG CATGGATAAA TACAAATATT
301 AAATTAGCAT AATTTTTTAA CTTTTGTAC AAATATACAT GCTTTTTTNC
351 TTTTTCTCAT CT

ug90rcon Length: 315 March 21, 1996 10:20 AM Check: 7962 ..

1 GGAATTCTTT TTTTTTTTTT GTTTTGTTTT GTTTGTMTT GTTTGTTTT
51 TGCCTTAATC ATAATCAGCC CAGAGCATTT TTTGTTAACA ATGCCCTCTGT
101 TTTCATGAAA GTTCATAACA TCAGGGTTTT TAAAAAAAT TAACTAAGGT
151 GCTTTTAGAG TTGAATCTGT GAGTTACCGT CAGCACACTA GTGGGCTAAG
201 AGTGAGCAGG GTGTTTTCAG AGAAACAAC KKCVCACCA NNACAACT
251 TATCTTTTAA ACTTAGAAGT AACCTGTTGT HCCCCAGCCT GCYCTTTGTC
301 ACCTGAGTTC CCAGA

ug91rcon Length: 251 March 21, 1996 10:20 AM Check: 2411 ..

1 GGAATTCAAT AGATATTGTC TAGACTTACC AATTCAAAG TTTTGTCTTT
51 CCTAGGTTGT CAGGGAAGTA TCACTACTAC YCTTCAGTTC AGAATTGCTG
101 AAGTAACTGA TTGTYTGATG ATTTGTGAAC ATGATCTTAA CTATGTGACT
151 AAAATATCAG ATCATTACAA TACTKCTCAA TTGATGGATA CATGTTGAAT
201 ATCAGTGTAT WCTTTGATGT TTTTWATTAC TTKACYCTTT TTTTAAACCT
251 A

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ug92rcon Length: 338 March 21, 1996 10:20 AM Check: 8280 ..

1 GAATTCOGAG CGGGCGAGCG CCGGAGGGG GCGGGAGCA GGCAGCTCG
51 GGAGACCGGA CGGTAGCGGC GCGGCGGGG GCGGCTCGG CGCCCTCTTC
101 TCTGCAAGCC ATGTTTGCCA AAGGCAAAGG CTCGGCGGTG CCTCGGAAG
151 GGCAGGCTCG GAAAAAGTTA GCTTTATACG TCTACGAATA TTTACTGCAC
201 GTAGGAGCAC AGAAATCTGC ACAGACCTTC TTATCAGAGA TTCGATGGGA
251 AAAAAACATC ACACTGGGTG AACCNCTGG GTTCTGCAC TCGTGGTGGT
301 GTGTATTTTG GGACCTTTAC TGTGCAGCTC CTGAAAGG

ug93rcon Length: 94 March 21, 1996 10:20 AM Check: 5557 ..

1 GGAAATCAAC AGAATACAAG AAATGGAAGA GAGAATMTAA RGTGCAGAAG
51 ATTCATAGA GAACATCGAC ACAACAGTCA AAGAAAATWC AAAA

ug94rcon Length: 323 March 21, 1996 10:20 AM Check: 5434 ..

1 GAATTCGAAA AAGGAAACGG AAAAATTCTA CTTCGGGTC AGATTTTGAC
51 ACTAAAAADG GAAATCAWC AGAAACCTCT ATTATCTCTA AAAAGAAAHN
101 CCAGAACTWC TCAGAGTYHH CTAACATGTA CTCAGAGTTA GAGAGAGAGA
151 TAAAAACCAT GAGCAGAATT KGGGCTGCCA GAAAAAGTDT TCCAGAGAAA
201 AAAGAAGAGG ACTCTTCTGA AGATGAAAAA CAGGCAAAA AAGTAGTGGA
251 TAATGGAGGG CATGAGAGGG CGAAGACMAC MCMAGAAGGG TCATCTGCTG
301 ATGACACTKG TGCACTGAA GGC

ug95rcon Length: 402 March 21, 1996 10:20 AM Check: 3919 ..

1 GAATTCATGT CAAACAGSTA GTCATAACAC TCACACATGG TTTTTCCTTT
51 CTCCCATGTT TCTCCCCACA CGTACACCCC ATGAYNCYGG ACAAGAACYG
101 CACAGGAGTC TKGGTACTCA TTCATGGCAT GAGCCATCCT TTCTTTKAGA
151 TCCTTCTCTT CAGGAGTGTT CTCATAATH GGIWCCACTA ACATATCATC
201 GTATCTGTAA TAGCCTCCTG AGGTACATTT CTTTATTCCT TTGATCATCT
251 CTTGATGTGT AATTTTAAAC TCCTGTCTCTG GAAACAGAAG GGTAGCCATC
301 ACAGCAGCTT TAGAGTGGGT ATGAATCACT GCGCCAGCTC CCTCTCATGG
351 TATAAGCATT CATGAAAAGA GGAGTGCAC TGGCTTTTWT CAGCTTCTTA
401 GA

ug96 Length: 203 May 30, 1996 10:47 AM Check: 395 ..

1 GAATTCGTGA TCATGAAGCC TAGTGGGCTC ATTACACAAG GGGGGGGGAK
51 GKCTCAGGAC CTCTCCACCC CGGGAGTCAT TTCCCTGTGT TGCTGTGGAA
101 CTAATTIGAA AAGTAAAGTC CAAGGAAACA CTGCTCTGTT TCTGAGACAT
151 GAAGAAATGA AAACACAAGA CAAAGCAAAG AGCGTGCCGA TTCTCTGCCC
201 CAC

ug96rcon Length: 87 March 21, 1996 10:20 AM Check: 2607 ..

1 GGAATTCGTG ATCATGAAGC CTAGTDNNYT CATTACACAA GGGGGGGGGA
51 GGDTCAGGNC TCTCCACCCC NNNAGTCATT THCCTGT

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ug97rcon Length: 342 March 29, 1996 7:10 PM Check: 6947 ..

1 GGAATTCCGA AGCTCCGCC CGGCTAAGGG GGCCAGCATC CTGGGGCCTG
51 CACCCATCCT GTACAAGATA CTGCCAGAG GGTTCCTTCA AGGCCTGGGC
101 AGTTCAAACA GCCACACTGG ACAGACAATA AATAATGCAG CTGCTCTCTG
151 GACAGCCTCC TGTGACCTAT CTGTTTCTGA GCCACTCGAG TTTCGGCCAG
201 CTTGCTTTGT TCAGAAATGCC AAGCCCCGGC TGGGTTTCTG GCCACGTGGG
251 TACTATGGTC CCACTGAGGG CCAGTCTGAG CCTGCCTAAM AAAGGCTAAG
301 TAAGGKGGCT ATCCTGAAGA GAAWGCCCTA CTTACTTTGA AA

ug98rcon Length: 341 March 29, 1996 7:10 PM Check: 8557 ..

1 TGAATTCCGC CAAAGACTC CTGCTGGTCT CAACCCCGTA CTGCCGGGGG
51 CAACTAGCTT TTAACGCCT TTCTGGGCGG TCAGCTACCA AGTGCTGAA
101 GACCTGGTGT ATGCAGCGGA GGGCAAGCT GCCTGGGCCA CTTACGTGTT
151 AGGTGCCCTAC CACGGGGACA TAGGGGCTGG AGCGGCAGAA TTTCGTTATA
201 CTGGTTGGGA GGGTGGGAGT ATCCACTGTG GCTAGTTTCA ACCCTGCTTC
251 CCCTCCCCAA CAAGCACAAG GGGTGTGAGC CTCAACCCCTA AACAGGCAAG
301 TRTATRATCG TTTTACTCTG GGCACACCTG AWTATGGTTT T

ug99rcon Length: 393 April 10, 1996 11:04 AM Check: 5943 ..

1 GGAATTCCGA GGGCCGCTT TTTTTTTTTT TTTTTTTTAA AATCTCAGTA
51 TTATTTAATG AGAAGCCCC ACCCTGCCAT GTACAGGGTG CCCCCTACTC
101 GCTACTCACC CACCATGTTA AGGAAAAGCA CCAGGAAGTA CAGAGGGTCC
151 TCATGGCTGC TCTCCAGAGT TATAATTTAA AGGTATTTCT CCATGGTAAA
201 ACTACAATAG TTACATACCA AGGCAATACT ACATGCTTTA CATAGTCCCA
251 TGAAAAAGAA TTCAATTGAG TCTAATCCCT GATGCAAGGC ACTTCAAAGC
301 ACCCGCGATA AAATGCCCAT GTAAACAGCA GTGCAGTTGC ACCTTBCCAA
351 GTRAACATGA CTTTGTGCA CAAACCTGGA ACYCAGACAA GAA

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ug100rcon Length: 156 March 29, 1996 7:10 PM Check: 2743 ..

1 GGCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAGT GTCAAGCATG ACAAAGTTGC AGCCGAATAC AGTGATCCGT
101 BCNGCCCTGG ACCTGTTGAA CGAGGTGGC GTAGACGGTC TGACGACACG
151 CAAACT

ug101rcon Length: 411 March 29, 1996 7:10 PM Check: 4419 ..

1 GGAATTCGCG TTGACCTGCC TTGGGGTATG GGTACTGCTT TGCTTTGGGG
51 TACAGTGCTC CAGTAAACCG AGGTATGATC ATGTTAGGCA CCAACGAGTC
101 ATTTATCATC AGGAAGGCAA GTCTCTCTCC ATCGGGGGAC CACCAGTGGG
151 CGATATGAGA ATGCAGAAGT TCTTCTAGAA TAAATGAGTG TTATTTTACA
201 TCAACTTCAT ATAACCAATC AGCAATCCCA TTAATAATAA TGCCCTCCTT
251 TCCTGAAGAT GTTAGTCGTA AAGAACTGCT CTGTGATATCA GGTGATAGT
301 AGATATGTGT TTCAAAAATA TAAATCAGCT GCTGTCCCTTG CACACCCACG
351 GCGGCCATAC TGCAACACTT GAGTTCTCAA CTTCCTGGGGG ATTHAACTTC
401 CACAMTTCC C

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10220.2625560

ug102rcon Length: 557 March 29, 1996 7:10 PM Check: 3185 ..

1 GGAATTCCCTC TCTCTCTCTC TCTCTCTCTT TTTCTCTCTC GCTCTCTGCC
51 TTTCTCTGTCT TCTACTCCCT CAACTCTCTT CCCCATGCC C TGAATAACCT
101 CTATTCTATA CTACATGACT GGTCCCTCAG GGGGAAGGGG TGCCCTCAGCA
151 TGGGCCCGCA GAGGTACCCC CTCCCCACA CCTGATGGCA CCAACATAT
201 TCCTTCTCTC CTCTCTCTCC TGCTCATCGC TTGAGGTAGC ATGGTTCTCT
251 CTGGGAAGCT CTGGGTGCTG AGTCAGGGCT CTGCTCTGGC CCTCCCTGA
301 AACTCCATCA GAATCTACAT GGCCCTGGAC TGTGGCAATT TGCTTCTTGG
351 ACCCTAACAA GACTTTAAGT TYCTYGAAGG GCAAGGTTTC TTCCCACTAA
401 ATCCAGCACA GGGCAAGACA CATAGTAGGT GTTCCACAAG CACCTAATGA
451 GTGCTCTGGG TTGTTGGGAT TTTTTTTTGT TTGTTTGTMT TGGTTTTGGG
501 KTTTGTTTGT TGGTTAGMTT GTTTAGYNSG TTTTGCAACA AKGTCTCAAG
551 TGACATA

ug103rcon Length: 231 March 29, 1996 7:10 PM Check: 8083 ..

1 GGAATTCAAT CATATTATTT GGATCAACAA ATCTCTAGK NCCTTTTACC
51 ACATACATTT ACWCCTACTA CCAACTATC CATAAATCTA AGTATAGCCA
101 TTCCACTATG AGCTGGWGHG GTAATTACAG DCTTCOGACA CAACTAAAA
151 WHYTCACTTN CCCACTTCCT TCCACAAGGA ACTCCAAATT TCAMCTAAWT
201 TOCAAATACT TAATTAATTA TTGAAACAAT T

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ug104rcon Length: 529 April 10, 1996 11:04 AM Check: 8675 ..

1 GGAATTCAG ACTTGTGCTT CTGTATGTCT GTTTGATGGG AGCTACTGAC
51 AGGCTTAGGG CTCAACCAAG TGGCTTGTAT TCTGAAAAC TCTACCTGGT
101 TATGCATATA ATTAGTAAGA CACTTAGAAT GAGCCTAATG TGAGCCTGGT
151 GGGTGGCTGT CCCGCTGAGA AAGGCCTTTC GCAGTTTAGA GGCATCTCTG
201 TTCTCTCCTT TATAGGTGTC CTACATAGAG AACTGCTGTC CTTTCATACT
251 GCTCTGTGT AACCCTTTTA TCTTCAGTTT CATTCCTTGT ATCAAGATCT
301 TAAGCAGCAG CAGTTCTCAA CCTGTGGSTA GTACGCAACC CCTTTGGGGA
351 GGTGGAATGA CTCTTTCCCA GGGGAGCGTA TATTAGATTA TTTACGTTAC
401 GATTTCATAG AGTAGCAAGA TGACCGTWA TAAATATTT TTATGGTGGG
451 GGGGCCACTA CATCARGGGG CGTACATTAA ATGGTTGTAA CATTWGCAAG
501 GTTGAGTACT CGCTCCATCT TTAACAACCA

ug106rcon Length: 148 March 29, 1996 7:10 PM Check: 6745 ..

1 GGAATTCCTC CCTTTGTCTG CAGTTTTTCC CCTTGACATT CATTCAATCA
51 TTCATTCAAT CATTCACTGA AGAGCTTCGT GTYCAGTATT CCAGACTCCG
101 ATGAAAHYTG AAAATCGATY CTTCTCTKKT CTAATTATATG TCTAATCA

ug107rcon Length: 425 March 29, 1996 7:10 PM Check: 6820 ..

1 GGAATTCGCG GGTCTAAAAG TTCCCAACAC TTGGAGGGCT GGGTGGGGC
51 CGAAGCTAGG GCTGTGGGAA CGACAACCTC TGGGTGTATG ATGTGTATGG
101 TGAGGCTCTG CTGCACACCT ACTGTGTGCC AAGCACTTGT GCGTGTCTA
151 CATACTAAAC CTCGTGACCA TGAACHVGC TCATTTTCCC AATCGTGA
201 CCGAGGAAGC AGAGACTGGA TGGTTTGGCC AGBBTAGAGG GCAGTGGGGA
251 TTGGTTTGGG CTGAGGTCTG CATCTTTACC TTCTGAGTTG CAGATTTGCA
301 AGAAGTATAC TCTGATCTGA GCACGGCAGG AGGCAGAGG AGGCCAAGCG
351 GCAGGCATGG GTGCACCTTA CTGCCATCTG GGCCGGCCTG GAGACCAGGA
401 GGCTCTGAAC GTACACACGA ACGCG

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ug108rcon Length: 399 March 29, 1996 7:10 PM Check: 6291 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GGATCCACTA GTAAACGGCCG CCAGTGTGCT GGCGCGGATT CTTTATCACT
101 GATAAGTTGG TGGACATATT ATGTTTATCA GTGATAAAGT GTCAAGCATG
151 ACAAAGTTGC AGCCGAATAC AGTGATCCGT GCGGCCCTGG ACCTGTTGAA
201 CGAGGTGGC GTAGACGGTC TGACGACACG CAAACTGGCG GAACGGTTGG
251 VGGTTCAGCA GCGGCNCTT TACTGGCACT TCAGGAACAA GCGGCGCTG
301 CTCGACGCAC TGGCCGAAGC CATGCTGGCG GAGAATCATA CGCATTCGGT
351 GCCGAGAGCC GACGACGACT GGCGTCATT TCTGATCGGG AATNCCCGC

ug109rcon Length: 345 April 10, 1996 11:04 AM Check: 4424 ..

1 GGAATCTTCA CGTTACCCCTG GAAAGAGAGC TCCAGAGCTT GCATTTAAAC
51 TTCTGGGCAT CTCTGCTTCA ATGCCTTTCT AACCAGTGGC TCTTTTTCGT
101 GTGCGGAAAC ATAAACCACT GCACATCCCA CATACTGCCA AGAAGTGAAA
151 GGGCTTCATA AGGAAGATGG GCACCAGGGA GGACCCTGGG CTTYCTCCTC
201 GGACATGAGC TTGCCACCTG KGTTCATATGC TCTGDAAGGT TTCTTCTGTG
251 ACTGAGACTA GTAAACATTT TATTCCCTGC AGAGATGAGC TGTCTGKGA
301 TGGGGGGTGA CTTCACTAGA CAGGAGAGCC GACATGATGG CTTTA

ug110rcon Length: 67 March 29, 1996 7:10 PM Check: 1068 ..

1 GAATTCTTTA AATCACTAA TGACCTGHC GHCTCAGMT TAGACCACAT
51 AGRCAACTTG ATTATTG

ug111rcon Length: 183 March 29, 1996 7:11 PM Check: 5348 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GNGATCCACT AGTAACGGCH GOCAGTGTG TGNGAATTHN CGCATCCACC
101 AAGATNGAA TWHNACATNC CTTGTGAATA TNGAATGGGN NTATACCAAN
151 GGTNCTCGGN AWTGRRSC.T CTTTSCCTTT AGG

ug112 Length: 336 April 26, 1996 3:26 PM Check: 3196 ..

1 GGAATTTCGAA GGATGCCCTG CTGAATCAGC TGTGAGCTCG GGACGGGGCA
51 GGTGGTCTGCTG TTGCAGGCAG GGACAGAAAT GCTGGGAGGA AGGTGACAAA
101 TAGTGAGCTT AGGCTTCCCT CGGTCACTTA CAGCTGCCTT AACCTGAGG
151 CGGAGCAGGG CATGTGGGTG GTGAACAAGG CAGTGGACCA AGCAGAGCGC
201 TGCCCTGTGA GAAAGTGCAG AGGACAGTAC AGTGACAAGG ATCCAGAACA
251 GGGAGCCTGA AGTCTTCCAC CGAAATGGCA TTTGGAGGAG TTKCTTCAGA
301 GAAGCATTTA GAGGAAGCCA GTTGGACAAT TGGCCT

ug113rcon Length: 108 March 29, 1996 7:11 PM Check: 4270 ..

1 GGAATTCGAA GCTTCTTTTT GCAAGAGATG GTCATTAAAG ACAGTTACAW
51 CTGGTCACAC AATGCATAGG NCCACTGACC ACAAAGTGTC CAGAHCCAA
101 TAATATAT

ug114rcon Length: 607 March 29, 1996 7:11 PM Check: 4783 ..

1 GGAATTCOCG GCTCGAGCGG CCGCTTTTTT TTTT/TTTTT AAGACTTAAA
51 ATTGAATTAG TATTGTACA GAAAGGTGCA GGTGGAATAA CTCCTCCGG
101 CCTAGGATCA AAGTTATGCG GAGAATCTTT GATGGACCCT TCCCCTGCCC
151 CCAGTGGTGG CCGAGTTGT TAAGTGCATG TGGTTAGAGT AGATTCCAGT
201 CCGGTCATTG TGGTGGAGGA GTGGGGGCAG TGGCAGGTAA GGGGGCTCAG
251 TTGCTGCAGC ACTGGCTCCG GCTGGCTGGG TTGCTCTCCT GCAGATCCAC
301 ACCTCTGGTT CCGCCCGGAG CCCAGCCGC ATTCTGGGGC TCATTCTTGG
351 GAAGCTTCTT AGCTATTGCC ATGAAAATTT CATTACAGTT CATTGCACTC
401 TTGGCAGACG TCTCCATGAA GAGCAAGCTG TTGTCATCTG CATAGGCTTG
451 TGCTTCCTGA AACTCCACAG CTCTCTTGCT GGCCAGGTCT GCTTTGTTC
501 CCGCTAGTGC AATGACGATG TTTGGGGCTG GGCTGCGCTC TGTAACCTCT
551 TCACCCAATT CTTAGCCCGT GCAAAGTAT CTSBGTTCGG TGATGTCATA
601 GACCACA

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ug115renlo Length: 520 April 10, 1996 11:04 AM Check: 3219 ..

1 GGAATTCCTTG TTTTCTCTCT GAGACACAGC CTTGAAAGCA GTCTCTGCG
51 TCAGCCTCTCT GTGCAGAAAT TATAGATGTG AGCCACTGCA CCTGGCTTCT
101 AAAACTTTTG ACTATGTAGG GCTCTGTACT GTCATTCCTT CTATATTCAAT
151 TGACAATGGA TTCTGGACC CCTAAGATA TCAAAATCAT TTTCTGAAGT
201 GGKATAATAT TTGTATATCC OCTATACCTG TAACACCCAA TACAATATAG
251 ATGTCATGTA AACAGTTATT AAGCTGTCTG TCTAGTTTAG GGTGGAACGA
301 CAAGGAAAAA AAGGTATATT TAGCACAGAT GTAATTTTTW AAAAATGAAA
351 TGTTTTCAAT TTGTGATCG TTGAAGCTGT AGATGCAAAA CTCAMGGGAC
401 ATTAAAAGTC AACTATATAT CATTGGGTGA CTGATCTTCT GGTCCATTTA
451 AACTTTGAAT TCCCTATAAC ACAACTCAA GAGAACYGA TGGAGAGCCT
501 AGGCTGTAT CCAATCAATC

ug115rcon Length: 78 March 29, 1996 7:11 PM Check: 5560 ..

1 GAATTCCTGT TTTHTCCTG AGACACAGCC TTGAAANCAG TCTCTDCHT
51 CADCTCCYG TNCAGAAAT ATAGATGT

ug116rcon Length: 345 March 29, 1996 7:11 PM Check: 6770 ..

1 GGAATTCCTCC TGCTCTGGCT CAOCTGTCTT GCTCGGGGCT CCAGCTGATC
51 TGTGCTGTTC CTGGTAGCGC TGCTCAGTC GGGCAGCCTC CTGCACTCC
101 CGCTCTGTC GCTCTCTCTC CAACCGTGC CGCTCTCTT CGGCACGCC
151 CTCTCTCTCC AGGCGGCGGT TCTCTCTCTC CTCTCAGCT TTGBCACGA
201 AGTTATCTT CGGACTCTC TTGATCTCAG ATATGGCATT GGTCTCTCG
251 TACACAGAGC CCACTGGGGC CTGCBGCTA CATCTGGAA GGAGGTGCTT
301 TCCCTATGGA AGCTGTWGT GGCCCCAGAG GCCTTNGCAA CCTTC

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ug117 Length: 342 April 26, 1996 3:26 PM Check: 7063 ..

1 GAATTCCTAG GAAACTCTA AATGAAAGTA AATGTCCTGCC ACTCACTGCC
51 CTCAGCTATA ATCCAACCAG TGTACTTTCT TCTCATCTG CAGACCAGAA
101 CAAGTCCCAA AGCTCTGGCA ATATTAATAC AGCAAGACAA GTAACCTTTT
151 TTTTTC AAG TCTTGAGGAT GAACAGAAG ACTTTAGTTT AAGATACCAA
201 GTCAAAGTTG CACGTTAACC TGGACCACAG TCAGGCCCA GAHVCCTGGG
251 AGTGTGGTTC ACACCTGTAA CCAGCACTCA CAGAGGACAA TGTGCCTGCT
301 GCAAACCCAA GSCAGCTTC ACTGGGAGTC TGACCACTGA AG

ug118 Length: 369 April 26, 1996 3:26 PM Check: 7552 ..

1 GGAATTCGCT GAGTCTAACA AATGAGGCTT ATAGTTTGGT AGGAGTTAAT
51 AAATCTCTTA GTAATTATAT ATTGACTGTC TACTATTAT ATGCCAGGTT
101 ACTCTGTGGA GATTATGGC AAATCTAGAA GTGAAATGTC TGACTGGGTT
151 TTTAATATAG TAAGGAAAAT GACATATACA CATAATAGTA TTACCAGGCA
201 ATCAAAGATA GATACTAATT CAGTGATACT TAGAATCAGG GGAGGCATTG
251 CTTTAAATAG GTGAGGCAAC TGGGCTTCA GTGATGAGTA ATGAGGAACA
301 ATATGGRAIT CCGTGCAGCA GAAAAGAAGG TATMGACATG TAGGTKAGGA
351 AAATGCMGC AGTGTATTAT

ug119 Length: 285 April 26, 1996 3:26 PM Check: 9564 ..

1 GGAATTCGCC GGCTCGAGCG GCCGCTTTT TTTACTATT TTTATAGATA
51 TTTTCTTTAT ATACATCTCA AATGCTATCC CGAAGTTCC CTATACCTC
101 CCTCTGCCCT GCTCCCTAC CCACCACTC CTGCTTCTTG GCCCTGGCAT
151 TCCTCTGTAC TGGAGCATAT AAAGTTTGCA ATACCAAGGG GCTCTCTCT
201 CCAATGATGG TTGACTAGGC CATCTTCTGC TACATATGTA GATAGAGACT
251 CATATCTACA TATAGTCTC YGGGGTCTT CGTTA

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ug120rcon Length: 443 March 29, 1996 7:11 PM Check: 3369 ..

1 GGAATTCCAT AAGTACTATT ATTTTATTAA AAATTTTAAAG TTGAGGCTCT
51 AATTAGACAT CAGCCTGATT TCTTTGAGTT CCACACACAC ACACACACAC
101 ACACACACAC ACACACACAC ACACACTGTC TTCAGCAGTG AGACCTTACA
151 ATCACTTCTT AGAAAACAAT TGATAAGTAG CCTTGCCAAT AGCCAGTGT
201 ATTTTGGGAT TCCATGGGAT TTCATGGAGT CAACATTGGT CAGCAACTCA
251 ATTAGATGTA AGCCATTCTT GGGACTGAAA GGTTCCTTTG GAGAGGAAAG
301 ATGTCTAGTT GGAGTACTGT TTCCCTTGTT GTTTAGTGAC TCCATTTAGA
351 TTTAATCATA TATGTATATA TTTTAAGAAG TTTCACACTGT AGTAGGTTTC
401 CATATGGACC CCAAAANNTC TTAGTGCTAA CTGTCCCTCC CTG

ug121 Length: 239 April 26, 1996 3:26 PM Check: 7430 ..

1 GGAATTCCTCA ACTCCATCTT CGCTGAGGGC TGTGCCATGG GCTCCTGTAA
51 CCTTGCTCTG CTCTTCAACA AAGAGGACCA GTGGGAGGAA ACTTGTGGGC
101 CCAGCATTC CAGGCTAAGG AACTGGGGGG GAGGGCCAGT TGGATGATCC
151 CCAGGGTATT AAAACCTCAC TTTGGAGAAG AGGCAGAGCT GTGTTTAGAA
201 AGKCAGGKCA GATGTGGGAA GAGCATTGCA ACTBCAGGG

ug122rcon Length: 346 March 29, 1996 7:11 PM Check: 4973 ..

1 GGCGKTAGGC GAGCAGCGCC TGCCTGAAGC TGCGGGCATT CCCGATCAGA
51 AATGAGCGCC AGTCGTCGTC GGCTCTCGGC ACCGAATGCG TATGATCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTCGAG CAGCGCCCGC TTGTTCCCTGA
151 AGTGCCAGTA AAGCSCCGC TGCTGAACCC CCAACCGTTC NNCCAGTTTG
201 CNTGTGCTCA GACCGTCTAC NMCGACCTCG TTCAACAGST CCAGGGBCG
251 HAHCAGATYA CTGTATTNGG CTGCAACTTT GTCATGCTTG AACACTTTAT
301 CACTGATAAA CATAAATATG TYCACCACT TATCAGTGAT AAAGAA

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ug123 Length: 218 April 26, 1996 3:26 PM Check: 2309 ..

1 GGAATTCCCG GCTCGAGCGG COGCTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT CATAATTGAT TATTTTATTA
101 AGATAGTTGW TTAATAACTG AAAACCAGAG GTAAAGTAAC AAATTCCAAA
151 GGCTTTTTTAA AGGCATAAWA TTTWAAGGCT ATTCCAAATC TTCTTGGGAT
201 GRAAGAAAAA TCCCTTTC

ug124 Length: 309 April 26, 1996 3:27 PM Check: 102 ..

1 GGAATTCACC CGGCTCGAGC SGCOCCTTTT TTTTTTTTTT TTTTTTCCCC
51 TCCTTTTTTT TTTTTTTTAA GGAACCAG TCAATCATG AAGCCACATA
101 CGTAGAGAA GCTGAATCCA GGTCCCAAAG GCGCTGTCAT AAAGGAGCAA
151 GTGGGACCG CACCCCTTTT TTTTATATAA TACAAGTGCC TTAGCATGTG
201 TCGCAGCTGT CACCACTACA GTAAGCYGGT TTACAGATGT TTCCCVAVCG
251 GAATTCACAC ACACTGGCGG COGCTCGAGC ATGCATCTAG AGGGCCCAWT
301 TCGCCCTAT

ug125 Length: 425 April 26, 1996 3:27 PM Check: 5085 ..

1 GGAATTCCAT ATTCCAGCCT CTACCAAAG TGCTGGATCC TGATTGTGTC
51 AATACTAGGG ACTGAACCT GATCTTTGTA TAAACTAGGC AAATATCAA
101 CTGATAAAGT GCCTGGGAT CTTGGAAGTT CTGTACTTGT GATTCTGGAC
151 TTTTGGAGT CAGAGAATTT TAATTACCCA GTGAGTCGAC TGCTGCTACT
201 CAAAATTTTC ATTAGTATCT ACGTGGGGGG GGGGGGCTTA GAAATGTAAA
251 CMTGGGGAGC TGGAGAGATG GCTCAGTGGT TAAGAGCACT GACTGATCTT
301 CCCATGTGGT GGCTCACACC ATTTTTTWT GGGATCTGAT GOCCTCTTCT
351 GGTGCTGTCT GAAGACAGCV TCAGTGTACA TATATAAATA AAAGAAATGT
401 AAACATGCMG CTTGGGAAGC AAGTA

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ug126 Length: 358 April 26, 1996 3:27 PM Check: 1192 ..

1 GGAATTCOCG GCGGGCACGG AGCAGGACGG CGGGACGGCC GGCCTCCCCG
51 GCCGGAGCCC GCGGGCGCGG CHGCGGGGCG GTGGCCACAG GCAGGCGCCT
101 ACCCCCCCCC CCCCCACGCA GCATGTCATG GTTTAGTGGC CTCCTGGTTC
151 CCAAAGTGGG TGAACGGAAA ACAGCTTGGG GGGAAACGAA TGGGCAGAAG
201 CGCCACGCGC ACGCGAATCG AGCCAGTGGC TTCTGCVAC CTCGCTACAT
251 GAGCTGCCTC AAGAATGCGG AGCCACCCAG CCCCCTCTCT GCAGCTCACA
301 CTCGGTGCCC CTGGCAGGAT GAAGCCTTCA TCAGGAGGGC GGGCCCGGGC
351 AGGGGTGT

ug127 Length: 376 May 30, 1996 10:48 AM Check: 6297 ..

1 GGAATTCGTA CAGGTTGAAC AGAATTGAGA ATGCCTTGAA GACAATAGAG
51 AGTGCCACCC AGCAGACAGA CAACTGAAG GAGCTTTATG GACAAGTGCT
101 GTACCGCCTG GAACGCTACG ATGAGTGCTT GGCTGTGTAC AGAGATCTTG
151 TCCGGAATC CCAGGACGAC TATGATGAGG AGAGGAAAAC AAACCTGTCA
201 CCGTCTGTTG CCGCTCAGAG CAACTGGGAA AAAGTGGTTC CTGAGAACTT
251 GGGTCTCCAA GAAGGCACAC ACGAGCTCTG TTACAACGCT GCATGTGCAC
301 TGATAGGGCA AGGCCAGCTG ACCCAGGCCA TGAAAATYCT GCAAAAACCTG
351 AAGATCTTAT GTCGCGTCA TTTTCA

ug128 Length: 250 April 26, 1996 3:27 PM Check: 2715 ..

1 GGAATCTTT TTTTTTTTT TTTTTTTTT TTTTTTTTT TTTTTTTTT
51 TTTTTTTTT TTTTTTTTT TTTTTTTTT TTTTTTTTT TTTTTTTTT
101 CCAAATGTT TTGATCCTTA TAGATTGGA GGCCCAACTG CATTTTTCAT
151 TTATACTTTK KGCAGGTAAG GTACTTTAAA AAACAATTAA TTGCTTTAAA
201 TCCATTAAACA TTTWTGTAAG GGATTATATG GTCAGCCATT CCTTGGTATA

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ug129 Length: 392 April 26, 1996 3:27 PM Check: 1838 ..

1 GGAATTCGGA AAATGTTAGC ATTTAATTAA CCTCCGGTGT GGCTTTTAAAG
51 CCACCAGAAC ACAGGCACCT CCAACACCCT TAATCTTCTC CTCAGCTCTT
101 CTGCTGAAGA ATTTGGCCTT CACGATGACA GGTTCCTTAG GGAGCTTTCC
151 CTTGCCCAGA ACTTTGTAGT AGCCTGATCG AACACATCA ATGATGGGAG
201 CAACTCCAGT CTTGTTTHTC MGCATTGACC CGTGTCTGCH CGCTGACCAA
251 TGTCCACAGT TTATCCAGGT TGA CTGTTGG GCAGAAGCTC TGGTTCCTCT
301 TCAAGTGGTA ATGCCGATA CCAACTTTCC CAAAGTAACC TGGGTGATAT
351 TTGTCAAAGT TGATCCTCGT GGTGCATGCC TCCAGCATTC CC

ug130 Length: 387 April 26, 1996 3:27 PM Check: 3411 ..

1 GGAATTCCTG AAGGCTGAGG CTGTGAAGAA GGACCGCAGA AAGAAGCTGA
51 CCCAGTCCAA GTTTGTGGGG GGTGCAGAGA ACACTGCCCA CCCAGAGTC
101 ATCCCTGCAC CTGAGATGAG ACAGGAATCC GAACAAGGCC CCTGCCGAG
151 ACACATGGAA GCTTCCCTCC AGGAGTTCAA AGCCAGCCCA CGCATGGTGC
201 CCCGTRCTGT GTACCTGCCC AACTGTGACC GCAAAGGATT CTACAAGAGA
251 AAGCAGTGTA ARCCCWCCCG TGCCGCAAAC GTGGCATCTG CTGGTGTGTG
301 GACAAGTACG GAATGAAGCT GCCGGGCATG GAGTACGTGG ATGGGGACTT
351 TCAGTGCCAC RCCTTCGACA GCAGTAACGT TGAGTGA

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ug130r2 Length: 226 July 15, 1996 1:21 PM Check: 9723 ..

1 GAATTCCTTG GAGAAGCCTG GAGCTCCACA TGCAGAGAAA TGATCTGTCC
51 TTGTGTCTCG TTCTGATTAA AAACAAAAAC AATCAAATAA AAAACAAAAAT
101 KGAACAACAA CCTTAGTGTA TGGCATGAGA ATGTGAAAAAC ACTAGAGATG
151 ATCAGGGGGA TCTTCAAATG GAGGCAGACA GCCAGTTTCT GAAGAGAATT
201 GCAGTAGCTC GGAAGCCAG TCACCG

ug131 Length: 440 April 26, 1996 3:27 PM Check: 274 ..

1 GGAATTGCA GAGGCAGCA GATCCCTGTG CGTTTGAGGT CAGCATGGTC
51 TACAGAGGGA GTTCCAGGAC AGCCAGGGCT GTAGAAAAAC CCTGTCTGGA
101 AAAACCAAAC ACCACCACAG AATAAAACAA GGAGAAACAG ACTTGTTCCT
151 AAAGTGGCTC TTCTGAAGCC CCTGCTCTGA AAGTTCAGT GACCACAGCC
201 ATGCCCCCTC TTCATCTGAG TCACTGGCTT AAGGCAAGGC TGGCCGAGGA
251 CCATGAGACC GTGAGACCAG ATGGTGGTGT GACATGGAGG GAAGGCGGAG
301 GTCTGGCTGC TGTGCAGCC TAGCSCCAGT CCAAGAGCAC CTGGTCTTCC
351 GAGTCAGCCT AGGTCAGTGG TAGTCATCAA GCTCACTTCT GAGCAGGGAA
401 AGATCCAGAG CGCCAARCC AGCCCCGTCC CACAGATCCA

ug132 Length: 449 April 26, 1996 3:27 PM Check: 4680 ..

1 GGAATTGCTT TGAATTCCTT CAACTACACT CAGAGTTCAA GTGCAGACAC
51 ACTGTGTGCC AGGCTCCCGG TTCTCCAAG GGATGACAAG TGTGTGCCAA
101 TACCTCCGAC ACAAGTTTGG GCACAAGTTC CTTGCACCTA ATACTCTCAC
151 AAGGOGAGCA CTTCACTGCG GACTAAGCTA TACCACAGCC CTGAGAATGG
201 AATTTTTCCA AGGTTTCCAT TTAGAGTTGG ATCAACTGTC CTCTCTCTGT
251 CGCTGGGATG ACATGAGAAG CTTACAGGGT GGCACAGGTG CTGAACCTCAG
301 TGCTGATTGG TGGCGCTCTC CCTCCTCTTG CTTCCTTTTG TAACCTCCGG
351 ACATGTGCTG GTCCSCTGCC OCTCAGTA GGGTCTGCAC TGTAAGTATT
401 GTCTTATAGA GGAGAAGACT GATCAGGGAG AGGTTGAGCA AGCAGAAAC

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ug133 Length: 401 April 26, 1996 3:27 PM Check: 7316 ..

1 GGAATTCCAG GTTATTATTT TGTTTTGGT GTTTTGTMT GTATTTTGG
51 AGATAAGGTC TCACTATGTG GCCCTGGCTG GCCTGGAATT TACAGAGGTC
101 AGCCTGCCCTC TGCCCTCTAA GTGCTGCAAT TAAAGTCTG GACTATCACT
151 TCAGGCCCTC TGAGGTCAGT TTTAATCAGC GGAATACTT TTATCATCT
201 GGCTTTGCTC TTCCAGATA CCTACACTCT TTCTTCACGT ATACTCAGGS
251 CTGAACCAAC TTTTATCATT CTGGCTTTGC TCTTCCGAAT TCCACCACAC
301 TGGCGGCCGC TCGAGCATGC ATCTAGAGGG CCCAAYCOGC CCTTATAGTG
351 AGTCGTATYA CAATTCACTT KTCGTCGTTT TACAACGTCG TGACTGGGAA
401 A

ug134 Length: 369 April 26, 1996 3:27 PM Check: 9691 ..

1 GGAATTCCCC GGCTCGAGCG CGCTTTTTT TTTTTTTTTT TTTGAAAGTT
51 TCAGATGTTT TTATTCAAAG GTTCTCAAAA GAAATAAAAC AGAAAAAGCT
101 AACAACTGA TCAAAATGTAC AGTTCAAAAA TGCTTTTGG CGTTTAACAA
151 GTCTAGGAA AGAAACTAC AGAGTCATCT TGAACCGGTA AATAAGTCAC
201 CACTGGCAAG TATGTAGCAC TAGTAGAACA AAAATAAAAA ATTRACTCTC
251 TTGATCATAT AGATATCTCT ATGAAAATCT TTTTTTTCAA TCTGTACAAA
301 AGGTCCTTCT TCATAAATTA ATTTTTTTTA TAATTTAATG GCTGTCTACC
351 CGGCTCGAG CGCGCTCG

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ug135 Length: 367 April 26, 1996 3:27 PM Check: 3292 ..

1 GGAATTCATA ATTAATAGCA ACAAACGGCC GTCTCGCTGC CTGCCGCAGC
51 CGCAGGGTGC TTTTGCAGAC CTGACGAGCA ATTTTGTGTA AATACGTAGT
101 ACGAAGGAAG AAAGCTTGGC GGGTCTTCAC TGCAGACTTG GGGCTTCCGG
151 TGTTCGGGAC CGGCATGCCC TGCAAGGCCT GCCGGGACAT GTGGCTTCTT
201 GCRCGGGGGT CCTCTGCAGT CGGGCTGGGA GACTTCTCTT CGTCTGACTG
251 GGTAGGCATT TTCAGACCTC CATACTTTTC CAATACAGCC AACAGGTCGC
301 VCAGAGTCTA CACTGCATGT TAGGTGGGCC CCAGGAATAC CACTGATGAG
351 ACTGTGTGGC GTASAGC

ug136rcon Length: 387 April 10, 1996 11:04 AM Check: 7562 ..

1 GGAATTCAAA GAGGTCTGCT AGCCGGTAGA CATCAAGGAT ATTCTCTCTA
51 TCTACCCATG ACATGAGGAA ATCAGAGCAG AAGTGGATAA TTTCTGGTAT
101 CTGAAGTTGG CAGGCAGCAA CCAGGCTCTC CTGCACATTG CTCAGGCTGA
151 GCTCTAGTTC AGAAGTGTAT ATGAAGTGCA GGATTGGCA CATGGCATTG
201 TAAGACACAC CGTGGATCAA GACCTCTTCC WGTCCAWCT CCTTCAATCC
251 CCCAGCAAAC ATTCTCTTGA AATAATCACA CGATGCAGCT AGCAGAATCC
301 GATGGGCCTC AATGTGCTTC CCTCAGTGA CCAGGCCAAG TACCTGAATC
351 CTCTTACTGG GGAAATHGGA AMAATTTNNN TGGCTTT

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ug137rcon Length: 514 March 29, 1996 7:10 PM Check: 9950 ..

1 GAATTCGTTT TGCCTATTTT CATGTGTAAA TTCATTCAAG TGATACAAGA
51 GCCCTAAAAA TCAACCCCTG ATTCATCAAA AAATATTTAT TTAACAAAAA
101 GAGAGAGAGG GCCCAGGCAT GGTAGCTCAC ACATGCTTAT AATCACACAC
151 TTGGGAGGGT GAGCCAAAGA ACTGCCATGA ATGTGGAGTG AGCATGGTTT
201 AAAATTCAAC CCTGTCTCCA AAACAGGAGA GGGAGGGGGG TGGGAGATTT
251 GAAATTTCAT ATACAGGAGA AATTAACAGA CAATATTATC AGAAAAACCA
301 AGTACACTTA AACTGCACC ATCACTCTGG TTCATCAGGC CAGAGTGAAT
351 GCTTGTGACT ACACGTGCTG CCACCTGCTG AGGATGTACT TATCTTTTAC
401 TACAATAACT TCTAAAGTAT NCTCATAGTT HACAGCAAKK CAGANCTTA
451 ATAATTATCT AATCTAGNGT TTCTCAACCT TNGCGATCAC AAATAATCTA
501 TGTAATAAGA CACT

ug138 Length: 99 May 30, 1996 10:48 AM Check: 6133 ..

1 GATTCCTTAT CACTGATAAG TTGGTGGACA TATTATGTTT ATCAGTGCAT
51 AAMGCTGCTC AAGCCATGCA CAAAGCTGCG CCGCGCCCGA ATVCVGTGA

ug139 Length: 357 May 30, 1996 10:48 AM Check: 3651 ..

1 GAATTCGGCA AAGGGAAGAC ACCTCCAGCT CAGCCAGAA GCAAGCTGC
51 TGAGGGGGAC GTGTACCAG GTGGGGCTCA GCACTCATCC TCCCGAGCA
101 GGCATACGG GTTTCGGGCT GTTAGGCAGG ACCCAGGATC TGAAGTTGGG
151 GTGTCTCAT CTCCAAATCC CTCTTCATCT GCATCCCGGT CCTCTCTCC
201 TTAATCCWCA CAGGAGCTGC TCAGTCTCTC CTCTCTTCC TCTTMTTCAT
251 CACCTGCCGG CCCCAOCTG COCTGCGACA GACCAGCTCT GCAGTCTCTG
301 GGTGAGACTC CCAGGTGCCT CTCTGTTGCG CTGTAAACAG GAGGGTAGAA
351 ACATAGG

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ug140 Length: 554 April 26, 1996 3:27 PM Check: 4835 ..

1 GGAATTGCGG GAGCTATGGG TAGGAAGTGG TCCCAGAGAG GTTTTAGGTG
51 GAAGAATCAG GAGGAGTCAC AGGTCAACTT GCAGAATTAC TGAAGAATT
101 GGACCCCAAA TTTTATGCCA ATTGATCTAT TCCCCTCTTT TTATTCTGTG
151 GCGCGGTTTT TTCTTTTTTT TTTTAAATCC CTCTTAGCT TTTTATGCGC
201 TCATAATCAA TTGTACCCAT TCCCTACATA ACGGAGCAG TGATCAGSTA
251 ATGAATGCAT CGAGCCATCA ACACCAGCTA GAGCCATCAA CACCGGCTAC
301 CACAATGTCC TGCTCTCCAC AACCTTGATT TTTTTTTTTT TATCTCTCTC
351 TATCGCTTGG CCTGAGTTGG GAGTGGAGTC TCTGTGGGTG GCGGCCACDC
401 ACCCAGAGAG AAATAAAGG AATTGAGAAG GTGCTACCT GGCTGACTW
451 CTGGGGACAG TGCTGGTCCC CAGAAGTTCT GAGGAGTGA GVGCGGTGV
501 GCACGATGTC CCCTCACGGT GTTAGGAAGG YGCTCGAGG CCACAAAAGA
551 TGGG

ug141rcon Length: 498 April 10, 1996 11:04 AM Check: 7802 ..

1 GGAATTCCTT AACACTAATA GAAATAAATC CATFAAAATC TTTGAAAGAA
51 AGAAAAGAAA AAGAGTGGGC TGAGACTCCT GCTAACCTCT GACCTACACT
101 GACCTGACTG CTATGGCCAC TACATATTCA GTAACAAACT CAAAACCTTG
151 AGGAACCCCTG TGCTTTCAGG CATACCATGA CAAGCTAGCA TGCCCAAGGC
201 CCTGTGCACC ATCTCCAACG CAGAAAGATA AGAGATACAC TTACATGTTG
251 GCAGGATCTT TAGTATTACC ACCAGGTCAG CCACATTGTG TCCTGTAGTC
301 ATTGTTCCCT TTTTATATGA TCCTACCTGT COGGACTTCT TCAATTGCA
351 CTTTCAAATG TTCTTGGGG GCCACAAATC AAGTGTGCAA TCACATTGTT
401 GATTTTTTGT CACCAAGAA AGGATGGAAG CCTGCTCAGC AGAATTATG
451 GGGCAAGGTC TTGATTCCCTC TTTCAGCAAG GCTTCACCTG AAAGGAGG

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ug142 Length: 461 April 26, 1996 3:26 PM Check: 5907 ..

1 GGAATTCTTT AAATATGACT ATGGCCAGGC AGTGGTGGTG CACACCTTTA
51 TCCCAGCCCT CAGGAGGCAG AGGCAAGGAG GATCTCTGTG AGTCTGAGGC
101 CATCTTGGTC TACAGAGTGA GCTTCAGAAA AGGCAAGGAT ACACAGAAAC
151 CCTGTCTTGA AAAAOCATAC ATAAACATAC CCTCTGGCCC CTTTCTTCTC
201 ATCACGAAGA AATAGGGAGG GTACATAAAT TGTTTAGATT TAGCTTAGAA
251 GTTTATTTAC ATGTCTACGA GTGCTCTCCT GTGGAGCTCA AGAGAGGGTG
301 TCTGATCCTC CGGAAGAGTT ACAAGAAGGC TGTGAGCTGC CACGTGGCTG
351 CAAGGAACCA AATCTACTTG GTGTCTCTGG GAACACCAGT AGGTAAATCT
401 CTTAATTACT MGAGCTATCT CTCAGGCTC CTAGATTCTC AGGAAAAAA
451 OCTGACTAAT T

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ug143 Length: 477 April 26, 1996 3:26 PM Check: 8063 ..

1 GGAATTCGTA GGGGTGGCTC TGTCCAGTGA GCCAATCATT CCTTAAGACC
51 CTTCTGACCC CTCCTGTACC ATCGGGACTT AATCACCAGT CTGGGGAGGC
101 ATTAGGGAAG GGCAAGGGG TGCAGAGGTT AAACCTCAGG AGAGGAACTC
151 AAAACCCCTTC AATGGGGCTA TGTGATACGG AGACTTCCTG GGATGTGTCA
201 CTGGGTAATC AACTTAAAAG CTTCCTTCTG GTTCTTCTCA CAGGCTAGCC
251 TAGAAGGAAA GCTTTTGCTA GGTGAGGTC TGGGGGAGGT CTTAGTGGTT
301 CCTAATCCCC TTTCTTTGCC TTTACTGTCT GTCATGCTTG TACACCCCTT
351 THAGAGCCOC AMCCCCAHC CCTKGCCCC TGCTCTTGG TCTTCTCTGT
401 GGGAACTTAA CYTTGAGAAA ACTTGTGTCC CAAATTGGCA TTTGCTCAGG
451 GATATCTSAA TTTATKTC TCACAGT

ug144 Length: 420 April 26, 1996 3:26 PM Check: 7146 ..

1 GGAATTCAAA CCGGCTCGCG CGCCGCTTTT TTTTTTTTTT TTTAATGCTG
51 TTGTTTATCT TATATATGAT AAAGTAAATG TCCTTATTC TATGTGTGTG
101 AAAACTACCC AGTAATAATC CTGGAGTTCA CTGTGTCAGA CCTTGGAGGA
151 GTGGGCAAAG AGCAGCAGCA CAATAGTGTA TGTGTGTGTT AGGTTGGAAG
201 TTCTAATAGG CAAGTCAGGA ATTCTTATAT CTGTAGCTCC TCCAGAAGCC
251 CCAGGCACAG GCGGGGCTCG GTGTGAGCAT GTGCACACAG CYCCACCCCT
301 TCACCCCAACC CCCDYHYCAG CCAGGTGTTT AGTGCACTGA GATGTGAAGA
351 CTCGTCTTAG CAACCAGCAG TAAGTCCTGT CTCARTCGAT GCTAGGTCGC
401 TGTGAGTTAA GACAGGGACT

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ug145 Length: 301 April 26, 1996 3:26 PM Check: 3035 ..

1 GGAATTCCTG AGGACATGAC ATCCAAAGAC TACTACTTTG ACTCCTATGC
51 CCACTTTGGC ATCCACGAGG AGATGCTGAA GGATGAGGTG CGCACCCCTCA
101 CATACCGCAA CTCCATGTTT CACAATCGGC ATCTCTTCAA AGACAAGGTG
151 GTGCTGGATG TGGGCTCAGG CACTGGCATC CTCTGCATGT TTGCTGCCAA
201 GCGGGGGGCC CGCAAGGTTA TTGGGGATTG AGTGTTCAG TATCTCOGAT
251 TATGCTGTGA AGATTGTCAA AGCCAMCARG TTAGACCATG TTGGTGACCA
301 T

ug146 Length: 458 April 26, 1996 3:26 PM Check: 5718 ..

1 GGAATTCGTT CAGCAGTCCT GGAGACTGAG CCCTCAACTG AGGGCATCTG
51 ACATTCTCTC CAAGTTGAAG GTCTGATGCA AAACCAATAT TTTGTTTGGT
101 GTGTGAGTAT ATATCCCCAC ACTTTGGAGG CCGCAGAAG TAACCTGTGT
151 TGGAGAAACT GACTCTGGTT TTTACTTAAG AGGAAAAGGG GGAGAGAAAC
201 TAGTGATGTG TTTCCCTGAT AGACTTTATA TCATATAATA TAAATCACAC
251 ATGGGGAATA CCAAAGGCA AAAATAAGCA AGCCACTGTT ACCTAACTCA
301 GAAAATTATA CTCTTCATCC ATTTTAGGGA TGAAAACAAT TGCTGTCAAT
351 TTACAAGCCA ACTTTCAAGG CAGAATTTAG GTTATCCAAT CAGGATTTAG
401 AATATCGAAC ATCTTCAATA TCTAAATTTA TATTATATVG TCACAAATAT
451 CAGGACCC

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ug147 Length: 502 April 26, 1996 3:26 PM Check: 7461 ..

1 GGAATTGCGT TTTTAAGGAA TGCTGGTGGT GCCTGGGTTAG ATAATTACAT
51 CACTTGTTC ACCTGTGTGA CACTGTTTTC CTCATGGATC TCCTCCATTCT
101 CTAGCTTTCT CTGCTATGCA TTTTCTTCAC AGCGCAGCTT GGGTCCGTT
151 GCTGAAAAAT ATAAGCTCTG CATAGTGTG GCTTTACTGT GATGACATGT
201 TTCTTCTTTT TTAGCTGGCC CACACCTTTC TAGGGTCCAA CTACAGGATA
251 GATTACAGAC TTTCATTAG TGTCTATTTC TTTTACTCTG TGTAGACTTT
301 AGAAAGTCTA ATCAATCCAG AGATGGGCCA ATTCAGAATT GACTATAATT
351 GAACACCTGC TAAAAGTATT TATGGGAGGA TTGACACACA GCATGAGTTA
401 TTTGACTTTT GTAGGATATT TAAAATCAT TTGAGTTCA TGTAAAGTB
451 GTGGTCTTAA AATTCACATA ATAAAGCAGT CCTGTTCAAA AAAAAAATT
501 TT

ug148 Length: 400 April 26, 1996 3:26 PM Check: 7120 ..

1 GGAATTCCGC CCTTTGACAC TGCAACAGCA TGGTCATCTA CAAGTGCCAA
51 GCTGCATTCG TAGCTGTCTT GAGACCTGAG CTGTCAATGTG ACCCTTCAAT
101 GGCAGGCTGG ACACACTATG AAGGGTAAGG TCCAAACTTG GTCCAGCCAG
151 TAAGAAACTC ACGGAAAATC TAGCTTCACA ACAGGAGCTC AAAGAACCTT
201 ACATACTGGG CATTTACAT CAGGCACATG TCTGGGGAGA GGACTGGATA
251 CCAGACCTTA TAATCAGCCT AAACCTGCTA AGAACAATAA TTAGTCCAT
301 TTTAAAGAGG TTCTAGCCAC TATCTTGAA ACTGATTATA CTAAGTATAA
351 ATCTCAYYG AAATCTGTTT TAAAATAGGT TATTGAAAGC AACTCTCTC

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ug149rcon Length: 463 March 29, 1996 7:10 PM Check: 3608 ..

1 GAATTCCTTT GCTTGATCAA TATGTTTATT GTCTTTATGA AAAAATCTTC
51 ATAGAAAAC TCTTTAGCTT TCAGCAGCCC TTTCCTGAGC TCTGAGGAAG
101 CTTCCTTCT TTTGAGCAAC CCGATCTTTC TTCTGGGCAA GAGACATTTT
151 GGGACGATTC CACCTCTTCT TCTTCACTTC TCCTCTGGGC TTCTTCTCAT
201 AGACTGGATT CTCTGGATA GCAGCATGAG CTTCCTTATA CATCTCCTCC
251 ATCATGTCTG GAGTTACGTT GTTCTTGATG TACTGAGAGA ACTGTTTCTT
301 ATACGCATCT TCATCTTCTT CCATTAGGTA GCGCATGTAG TCTGCCACAT
351 TCTGAOCCAT GATGTGCTTC CGATGTACCT CTGCATTGAA CTCCTTGCTT
401 TCAGAGTCAT AACAGGGAA TYGTTTGGTA CTATGAGGGA TAGACAAGCT
451 TCCATHACA RGT

ug150rcon Length: 188 April 10, 1996 11:04 AM Check: 3098 ..

1 GGAATTCGG CTCTGAGCA GATCAGACTC TCCTCGTTVN CGASTCRCD
51 CVGCTCCTTC CAGCAACCAT GTCTGACAAA CCGATATGG CTGAGATCGA
101 GAAATTCGAT AAGTCGAAGT TGAAGAAAAC AGAAACGCAA GAGAAAAATC
151 CTCNRCTTC AAAAGAAACA ATTGAACAAG AGAAGCAA

ug151rcon Length: 276 April 10, 1996 11:04 AM Check: 1517 ..

1 GGAATTCCTC TGACCTCGCT GTCTCTTCTC TCCTCTCCTC TGCTCTACCT
51 CTGTCTCACC TCTGTCAAGT TCTATGAATG ACTGATAGAA AGCTAGTCTG
101 CAACCATTCG GCAGGTAGAA ATTTCCCTG CTCTGCAGGG AGACATAACC
151 CTCTGTTTGG CGATGGAGAA TGAGGAGCAG AGCAGTGAGC CCTTGGGGAG
201 GCTGTAATTA AGAWCCACTC CTGNCTGAGC CTCGSGCAGA GCCTCACTGG
251 SGATTCCTCC TGTAACCTCC CAACAC

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ug152rcon Length: 608 March 29, 1996 7:10 PM Check: 3499 ..

1 GGAATTCGGA ATTCCTTTAA ACTACAAGGA TTTTATTTTA TTAGAATCTA
51 GCCTGAGCCA GAACCTTTTA TGGTCACAGG AAGAGATAGC AAGTAGATT
101 ACTGACATCA AGAAGGACTG CCCAGTGGTG GAGCCAGCAT TTGAACTGG
151 ACTATAGAGG ACCAACTACA ATTGTGACTG CATTTGTGAC TGAATGTCAC
201 AAAAAGTCTG GAGAGGCTTG TCATGTATAT GAGAGACAGG GAAAGAGTCA
251 TAGTCAAGAC TGGAAGCATG AGCAGGCAAG AAGTGATCCT TAGATTCTAT
301 CCCATCAGT TCTTTCACAT CACATGTGTT TGGCCTCTGT ATAATACCCA
351 GCTGTATTGA CCAGGACTTC TCTGTCTGTC TTTGCTCTTG AATTTTCATA
401 GTGAGCCTAC CTTTGGGTAA TGAATATTTA TGAGATAGTG TTCTATTCTC
451 AGGTTACTAC TGTGGATTGA ACCCAACATT ACAAAACCCA GCTCAGCAAM
501 GAAAAATAAC CAATTACTTH GTCTCTGTTG AACATTGAAA ACACTTCCAC
551 TGAAAGAATG GAGTGATTAA AAAAAGATCC MACMGATGAC CMAAGTAACC
601 ACAGATAT

ug153rcon Length: 278 April 10, 1996 11:04 AM Check: 5791 ..

1 GGAATTCACA AGATCTACCA CTTACAGAGC AAAGTACCCA CCTTTGTWC
51 GAATGCWGGC CCCAGAAGGA CGACCCTGAA TATACACGAG AAAAMCTGGA
101 ATRACCTACC CTTACDGCAG AACCGTTATT ACTAATGAGT ACATGAAAGA
151 AGATTTTCTG ATTAAAAATTG AAACCTGGCA CAAGCCAGAC CTTNACCCC
201 AGGAGAATGT GCATAANGCA KMGAGGCCT GASRGCATGG AAACATGTGG
251 AAGCTATATA TATAGACAAT TRCTGATC

ug154rcon Length: 488 March 29, 1996 7:10 PM Check: 3429 ..

1 GAATTCGAGA GAGAGAGAGA GAGAGAGAGA GAGAGAGAGA GAGATCTAGT
51 TGTCAATTGA ACAAGGTGTA TTGAGGCTG GAGGCATGAG CAGGGCTGGT
101 TCCTGCCGAC CCTGTGAGGA CTGTGGGATG GGCATGGGTG TTGTCTATAC
151 TGTGGTTGAG CACCAGTGCC CAGCGCCAGG CTGACTGACT AGCTGATACC
201 TCCTTGGTAT TTGCAGGGTA CTCTTGAGAA GTTCAGGCAG GTGAAAGTCT
251 GTGGCATCCT CCTCATTTGGT CTTCTGCCCT CACCATCCCC CATGTAACCA
301 AAGAGACTCT GAGCVCTAT TTTCCCTCCC TACTGAGAAT CCCTCTGGAC
351 TCCANNTCAC TCAGGGTAAA AGTCCATCCT TTCCATGACC ACTGGGTGGG
401 TCTTYAACCAT CCACNCTCAT CACCTGTCTG AATTAGTTGA CGCTCCCTCT
451 GCWCCAGCCG CAATGGGCTC AGCCTTTGCA CGTGGTAT

ug155rcon Length: 523 March 29, 1996 7:10 PM Check: 8266 ..

1 GAATTCACAGC AGTTAAGAGC ACTGACTGTT CTTACAGAGA TCCTGAGTTC
51 AATTCCACAGC AACTGCATAG TGA CTCACAA TCATCTGTAA TAGGATCTGA
101 TACCTCTGTC TGGTGTGTCT GAAGATAGTT ACAGTGTACC CATATGCATA
151 AAATGAATAA ATAAATCTTT TTAATAATTT TATTGTCTTA ATTTTATTTG
201 AATGTGTGTT TTACCCACTT GTATGTCTTT GTATCACCTG CCTGCCTGGT
251 GACTGAGGAG GCTAGAAGAG GGCTTCAGAT TCTCTGGGTC TAGAGCTACA
301 GCTGTTGCT AGTGGCCATG TAGATGCTGG GAATCGAGCC TGGGTTCTCT
351 CTGAAAGAGC AACAGTGCCC TTAACCACTG AGCCACTAGA CATAAGCATT
401 CAGAGAGGAT TTGTGTGTGT TGTGTGTTTG CTTGTGTGTT GTTTGATTTT
451 TGTATTYTG CACAGTGGCT GCAAACATTG AATCTGAGTT GGAGGTAATC
501 CTTTATTATT ACAGAATMTC AST

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ug156rcon Length: 480 April 10, 1996 11:04 AM Check: 6681 ..

1 GGAATTCCCC CCGCCATGAC TTTCAAACCT GTTGACTACA CTGTAGTCTT
51 CCTTGGAAATA GACTTTCATC ACTGCTTGGG TCTCCTCCTC TGTACTTGCA
101 ATGCCCATCT TTAAGTCCTG CATAGCAGCC AAAGTGTCAA GACAACCCAG
151 GATATGCAAG GCTGCGTGAG ATCGGGTGGT AAGAGCCCTT GATCCTGTTG
201 GCAGAGCAAG TTCAGGACTT AGAATACTAC ATCTGGACTG CATGTCTGTT
251 GCAGAGGGAA GTCTGGCATC AGCAACCACG GCATTGTAAC ACCAGAGCTC
301 TCTGGTGCTT GGTGAAACC TCCAAAGCAC ATCATATACA GGATCAAGAC
351 ACACACCAA TYCTTGCAAG TCTTCTTGTT CAGAGTCATT GAAAGTTTTA
401 CAACTTCCAT CAACITTATT TATCAGAAGA CATTTAAATG GTGGAGGTYC
451 TGATATGGAA GCAGGAMCCA RGGCTATTTA

ug157rcon Length: 424 April 10, 1996 11:04 AM Check: 514 ..

1 GGAATTGCA ACACCTCTTA GGGCAGGTGG CAATCCAACA ACAACAAGGT
51 CCCGAGTAC AGAACCAGGC TCTGGGTCTT AAGCCTCAGG GCCTTCTGCC
101 TCCAGCAAC CACCAGGGCC TCCTGGTCCA GCAGTTGTCC COCCAGCAGT
151 CCCAGGATC CCAGGGCCTG CTGGCCCTG CCCAGTGAC AGTGCTGCAG
201 CAGCAGCAG AGCAACAGCA GCACTCTGGA GCTCTGGGTC CTCAGGGCCC
251 TCACAGACAG GTGCTTATGA CTCAGTCCAG GGTGCTGAGC TCCCCTCAGC
301 NGGCACAGCA GGGTCACAGC CTATGGGAC ACOGGCTACN CNCNCCCAG
351 CAGCAGCAG AGCAGCAGCA GCAGCAGCAG CAACAGCAAC AGCVGCAGCA
401 ACAACAGGCA ACAACAACA CAGG

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ug158 Length: 455 April 26, 1996 3:27 PM Check: 4022 ..

1 GGAATTTCAGC TTACATAGGG AATTCTAGGG CAGTGAGGGA GTTGTCTCA
51 AGAGGAAAAG GTTAAGTGTG TGAGGAATGA CCTGGAGGT TGTCTTTGA
101 CACCTGTGCA GTGCACACA CACACACACA CACACACACA CACACACACA
151 CACAGGAGCC AGGTATGGTA GGTAGCACAA GCTTGTAGTC ACAGCTACAT
201 GGGCAGGTGA GACTGGATGA TTTAGAGTTT GAGGCTAGCC TGGCTACAT
251 GGTAAATTCA AATCCAGCCT TGGTTATCTA GTTGAGTTGT TATCTCAAAA
301 CAAAACAAAC TTATOCACCT ATGTGAGACA ATGTGAGATT TTTTCTCTGC
351 TCAAAGACAA ATGTTTTTCT CAAAGGTAGC AACAGGCTGA TAGGAACACT
401 CTCCAGAA GAGTDCACAC ATGAGCHGGT GCMCTGGGVA TGCTCAGAAG
451 AGGCT

ug159 Length: 410 April 26, 1996 3:27 PM Check: 3140 ..

1 GGAATTCATC AGAAGCTCAT TTGTTATTC TTTTTTTTCT TTTTTTTTAA
51 CAAATCAGTA AAGCTTAAAG CCAGAGACTT ATAGATTGGT TCAAATATAA
101 TCAACAGTAA GATACAGACA ACAAGAGATA CAGCTAAAGC CACTAACAGC
151 AACAGATTCA AAGTAGGAAG ATGGGCAAAG GTCTTATCAG GAAATGCTA
201 ATGAAAGAA AGCTAGATCG CAATGGTAAC ATCAGATAAA GGGGAAGCA
251 AGCCAAGCTA CATTAAATAG GGTAAAGAT GGCTTCGGTT AGCCTTCCAA
301 CCGTCACTA TAAGTTTGTT TCTCACTTAA CTGAWCTCAT CTAGCTOCTC
351 CACAATCTCT AAACAGATCA TCACTRCTCA AGARCTGTT GTGTATATAC
401 CTCTGAAAA

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ug160 Length: 452 April 26, 1996 3:27 PM Check: 5949 ..

1 GGAATTCCAT GGTAAAGCA TATCAAATAA ATACTAGGCA AGGAGTTCC
51 TGGGAGAGTT AGAAATTAAA AAAATTTACC AATTTCTGT CTCTGTGATA
101 ATTCAATGCC AGTAAGAGAA AGGTATTGAA GGGACAAATTT TCATACTAAA
151 AAAAGAATTT CCTAGTCAT GTCACCATCT CTTATAAAGA ATCCAGGGAA
201 TCCCGAAAT AGAAAATTAG TTTCAGGGGG ACCCCTGAGG CACTTTAAAG
251 CCTTTAAAAA ATTACAGTAA TAATAAATTA GCTATTGCTC TTCAGAGGCT
301 CACGGAACAG CTAACACAAC AGGACCAGGT CCAGAGTTAG GTCGATATCT
351 CAGGTTCTCG AGCTGCCCGG CCTCTTTAA AGCTTAGACG AATTTCCAAA
401 TACAAGACAT ACAATTTAAC ACAGACTGAG TGGGDCTTTT TGTTTAGTGG
451 GT

ug161 Length: 387 April 26, 1996 3:27 PM Check: 8764 ..

1 GGAATTCCAT TCTTTCAAAA ACAATGTATT ATCACCTGAG AAATAATCCA
51 CATTTAGTTA ACTTTTCAGG GAACTTCTGA ACTCATCATA CATACTCCAC
101 TACCCAATGT CGCACTCCA TTTCCACCTC AGCCAGTTAA GTGTAAAGTA
151 TGCAAAACCT CAATGAGTTG TTTCTAACTG ACAGACTGCA GAGATAAAAG
201 CAATGACGAC GGCCTTCAGA TCTTAGCAAA AACAACTGCT AAAGTGACTA
251 TCAAGGAAAA GAACCATTTT AGAAGCAGTT TTATGTACCA AGGTGGTTAA
301 AACTTAAAT TTGACAGGCA GTTGGTGCCA CGTGCCYTTW ATACCCAGCA
351 CCTGGGAGGC AAAGGCMGGC AGGATTTC TGAGTTC

ug162 Length: 278 April 26, 1996 3:27 PM Check: 7068 ..

1 GGAATTTCAGG GAGAGCGCAG ACAGGAAAAC TGCAGAAAGC CACAGGGAAA
51 GTACGGTACA GACTCAGATC TTTTATTTT CAACTTACTT CTCGTTATT
101 TCCCCACCAC TCCTCTGGCT CTGCCTAAC TGGGTCGCGT TGGGATGTT
151 TGCAATGGCG CTCTTAGCTT TTGTTGTTT TAATTCGCG CGCCCCCTTH
201 CTCTCVGGCG GATTACTAGG TCCCGAACTC TGCCACTACA ACCTTAGGAG
251 CAGCAAGCTY CGCCAACCTG CACCACCG

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ug163rcon Length: 591 March 29, 1996 7:10 PM Check: 9705 ..

1 GAATTCATT TATTTTATTT TTATTTATTA ATAGTAACAA AAATCAGAAG
51 TAACAAAAA COCAGTTAAA TGGAAATACAG AAGCACAGCA AATACAAATG
101 CAATTTCAAA ACCACTCGGC ACAGAAATCT GTTGAAACCA TTTTCTGAAG
151 TTTAACTATT TAGGTCATAG GACTAACCAA GGCATTCCGA GTGCTCACAT
201 GGATTTGGTT GOCGATGGAG GAGCCTGCTT CCCCAAGACT GACAGTAGTA
251 CCCAAGATC CTGGTATATG TATGTGAAAA GACCTCCCTG GGTCTGGAT
301 CTTAAGAGAC ACTGATGTTA ATAAAACCAC CAGGACCACA TAAAACCACA
351 GAACAAAACC CCAGAGCAAG CCCAGAGAGC TTGCCGTCTT GTTCTATAGG
401 CTTCTAGAGG ACTCTAGGAA CTGAAGAAGA TGTAACTCTG CGTGTGGTC
451 CCATGCAAA CTCAACCCAA GTCTCCCAA CCAGGCTACT TAGCAGCTTT
501 TCATGAACGG TTCAAGGATC ACCTGAATCT ATGGGGGGT CACCTGAATC
551 TATGGGAGG TCACCTGATC TATTGGTSCB TCAGAGCAAC A

ug164rcon Length: 578 March 29, 1996 7:10 PM Check: 6277 ..

1 GAATTCGATT TATTGAAGCA GTAACAAGTT GGTGAGATAT TTAATGAAA
51 AAAGCAGTTT TAATGATATT CAAAATACT TTAATAAGTA TTCTAGCACA
101 AGATTTCTTC GTAAACTAGA TTATTTTGTA AACCTTTCTT ACGTCTTTTG
151 GGGTGTGAGT TGTTAAGTGC TGAGCTTCTT TCTATTCCAA ATCTATCTTG
201 CGCTCCTGAA AAATGTCAGT AAAGGCATT GAAAGCTGTT TTCCTAAGAT
251 ACGATTTTTC TTTCCTTCTT GCTGTACTG CACTGTGCA CCAAGTGTG
301 GCAATTTTTC TTCAAGGTCA TCGTGATGCT GAGAAGTCTC ATGATCACC
351 TGTCATCTC TGGTCTCAAC CGTCTTAATC AGGAGTGTTC TTTTGTAGTG
401 GGTGTCAACC AGAGGAAGTG ACTCCAGTT AGTTTCTCTC AGGTTCAGG
451 AAGAAAAGGT TGGCAGAGGC AGAGAAATCC TGCTCTCMNC GCCTTCAGC
501 AGCTTCTGT AAGGNGCGA NCGTCAATGT CCAGGGCCAD CTTAACATTC
551 AGCCAGATCT TGGAATTCAC GMAGGTGA

ug165rcon Length: 530 March 29, 1996 7:11 PM Check: 3289 ..

1 GAATTCGGAC TTCACCATCC CTATCAAAAT ACTGTCAACT TCTAACCACA
51 ATAGTGACTC TGTGCTGTGC TGTTTAGTTC TGTGTGTAAA TGAAATGTGG
101 AAATGACCCT CCCTGCCCCA GCTGGCTGCC CTCCCTTTTC CTTTGATCTT
151 GACCACTCAT GGAAGCAGGA CCAGTAAGGG ACCTTCAATT TAAAAACAAA
201 CAAAACAAAA AAACAATAAA AAGGCTAATT AACAACAAAA AAAAAAAAAA
251 AAAAAAAAAA AAAAAAGGG CCGHGAATTC CACCACACTG GCGGCGCTC
301 GAGCATGCAT CTAGAGGGCC CAATTGCCCC TATAGTGAGT CGTATTACAA
351 TTCCTGGCC GTCGTTTAC AACGTCGTGA CTGGGAAAAA CCTGGCGTTA
401 CCCAACTTAA TCGCCTTGCA GCACATCCCC CTTHBGCCAG CTGGCGTAAT
451 AGCGAAGATG GCCCNACCG ATCTGCCCTT CCCAACAGTT GCCGTCATCG
501 CTGAATGGCG AATGGGCGCT SCCCTGTAGC

ug166rcon Length: 501 March 29, 1996 7:11 PM Check: 6787 ..

1 GCGGTTAGGC GAGCAGCGCC TGCCTGAAGC TCGGGGCATT CCCGATCAGA
51 AATGAGCGCC AGTCGTGTC GGCTCTCGGC AC CGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTGGAG CAGCGCCCGC TTGTTCTGTA
151 AGTGCCAGTA AAGCGCGGC TGCTGAACCC CCAACCGTTC CGCAGTTTG
201 CGTGTGTC ACGCTCTAC GCCGACCTCG TTCAACAGGT CCAGGGCGGC
251 ACGGATCACT GTATTGGCT GCAACTTTGT CATGCTTGAC ACTTTATCAC
301 TGATAAACAT AATATGTCCA CCAACTTATC AGTGATAAAG AATCGCGCC
351 AGCACACTGG CGGCGGCTCG AGCATGCATC TAGAGGGCCC AATNCGCCCT
401 ATAGTGAGTC GTATTACAT TCACTGGCCG TCGTTTACA ACGTCGTGAC
451 TGGGAAAACC CTGGGTTAC CCAACCTTAA KGCCTTGCA GCACATCCCC
501 C

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ug167rcon Length: 561 March 29, 1996 7:11 PM Check: 462 ..

1 GAATTCCAAT CTCAGAATAA AGGATGACCA CTGGACTCTC AGGATTTGAT
51 GAGGGATATC TGTGATCTCC TTTGAACAAT AATGGTTTCG GTCGTGCAGC
101 GGCAGTCAGC AGAAGGCTCT CCAGAGTGTC TAGATCACA GTCGTGCTTC
151 CATGCACTGA GAGAAACGAC TTGCACCCCTT CTGGTGGAGG CTCGTCAACT
201 GCTATCTGCT GGAAGGCTTG AATTGAGGCT GAGTAGGAAC GGAGAGAGAG
251 ACAAAACTTC AACAAATTCT GCTGCAGAGG GGACAGGAAG CGAAACGCAG
301 CTTCCAATAC GGCATCGTAA TAGGAGTGAT CAGTATCGTG ATGATCTGAT
351 GATCCAATGT TTTGAGTGGC TTCTACAAAA TCCTCAAAAT TCTCTTGACT
401 GTCTTCTGCT AAGAACTCAC TGGCTTCCAG CAGCAGTGGG GCAGAAAAAC
451 ACTTTGTGGT GAGAGAGGTG STAATGGCTT TTGAATTGGC TTCTGCTAAG
501 GAAAAACAGC ACGGTAAGGC CAGTGCAATC WAGGAGATCT CRTGTATGTA
551 ACGGAGMCCT G

ug168rcon Length: 547 March 29, 1996 7:11 PM Check: 9273 ..

1 GAATTCGCCT GGGAAATGTC TGGGGAAGAA GAGCAGAGTG TTTCTGCCCC
51 TTGGCCCAAG CAGTGCAGAC AGGAAGAATG CATGGGGTAA GGGTAGGCCA
101 GTAATCCAC TTGCAAAGGA TGTAGCACTC ACTGGCTAGG ATGCATGGGG
151 AGAGAGTTAC TGCTGCCAGC TTTCTCTGG TACCCGCTAT AGACTGGCAT
201 CCAGAGATGG GTGCCTGGCT TGAGGGCTGA GACAGTGATG CCTTCTGCT
251 GGTGGCCAAT GCTCCTGTTA AGCTGCTTAC TGCAAGGCTC CATCTTCTGC
301 ATCTGTGTC TGGCTGTGCT CCAGCTCCTC CTCGTATGT GTTAGCAGTC
351 CCTCTCATC ACCATCATCT CGAGTTTGGG CTTCCTCTTG GGGTGTGCCT
401 GCCTCAGAAG CCGTGTCTTC TTGGGGCGCT GGTAGCCGGC TGCTGCTGCT
451 GCAGCTCCCG CTGCCGCCGC CGCTGCCACC ACCAACATTG CTACTGCCGC
501 CTCCACCACT GCTGCCTCCT CCTCCACACT GBGCTSKTCA CCTTYYT

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ug169rcon Length: 644 March 29, 1996 7:11 PM Check: 8003 ..

1 GGAATTC1TTT TTTTTTATAT GTAAAACGAC AAAATATTTT AATTTTCCAT
51 GACCACAGGC TCTCTCAAG AAGGCTGTAC CTGTATGACC ACCAGGTGAC
101 AGCATGGATA ATGCTTCAGG ACAAGTCACA ATTTTGTACT AACAAATCAGT
151 TCAACCACAG CTGTAAATGT AGTTTGTCCC AGCTGCAAAA GOCACAAGAC
201 ACCAATCATG CGTCTTACCC CAGTACAGAC TTTTATAAAA CACACATGTA
251 TGTAATTAGC ACAATAAACG CGCTTATTAT GCAC1CTAAC ATAGAGCACA
301 GGAATACACG CTATGGAGTG CAGCCCTCAT GTCTCCACAG GCAAGAGCTA
351 GAGGGTTAAA CAGGAGCCCA TGGTGTGACA GCAGGAGCTC GGAGCGCACCC
401 ACTCTGCACG TGACTTACCC TACACTGAGA ACTGTCAACC TGTCCAGTGG
451 GTGGCAGGTA CAGTCTCATA AACAGTGTTA TTTCTTAGAG CAGAGATGTC
501 AGTCTGGATG TGAGTCGCTG TTACCTAGAA GGSATTACAA GTCAGCTCCA
551 TAGAAGGTGG GCGTTTGGCT TTGGGGTCGA GTGTAACAGT GTCCCGCAGA
601 CACTTKACA CCCGACCCCC TGTGCCCCAG GGGAGTGMCM TTCC

ug170rcon Length: 442 March 29, 1996 7:11 PM Check: 3159 ..

1 TGGAA1TCCC AGTGTCAOGG CACTGCTGCT TACAGGGCCC GCCAC1CGA
51 CAGCGGT1CAT TCAGGTACGG GTCTCTT1GG TCCTCCTCGT CAGGAATCTT
101 AGCTGGGTCC TGAAGGTCTG CACCGTTGCC TTGGACAAAG TCTGAAT1CT
151 CCCGGGCCTT CACACAGCAG GCAOGGAACA CCAGCCCACA CTGGTAGCTT
201 ATCATGACAA TGGGTTACA GGTCTGGTCT CGGGCCAGGG ATGCCTTTCC
251 CAGCATGCAA CAGTGGCAGC ACCTCTTTAT GAAGATGGTC TCAAGGCTAC
301 TGT1GTAGCT GTGGAGOGAG GCNCAGCTTT CT1TGGCTOGC TRGGCCARGG
351 TTGATGCCCG TRGCACAGTG GCAGCTCTTT CCAGTTTGGT TGTGACAACA
401 TTTKCTCATK GGRCCAT1CT GCACDCCYTT GGAT1CTBGA GG

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ug171rcon Length: 496 March 29, 1996 7:11 PM Check: 4910 ..

1 GGAATTCCCG TCCAGCTCCC CGGGGGTGT GGAGAAGCGC AAGCTCCCGT
51 TCTCCGAGGA GTGCTCTGAT GAGGAGGCAA AAGGCGATTG TCTGGAGTCT
101 CCGAAAGTAA GGAAGGGATC TTTGAGCTGC CTGGAGGCCG CATAGCCAGC
151 GAGCCACTGC GAATACACGT TCTCCGTGTT AGGCATCGCG GCCGGGGGCA
201 GGTCAAACCTC CTCTCCAGC TTGATGCGCT TGGAGAAGGG GCTCAGOGAG
251 CTGGGGCTAC CCAGCAGCAG CTTTTGGAC AGACCCCCCG AAGCCGATTC
301 GCCGGGGGAG CAGCCACGAC CATTAAACAGT GCCATCGTCT ATGCGGTCTG
351 ACTCACCAGC CACCGAGTCT TYATCACAAG TGTTCCTYAW GGSCTCSGG
401 CTCTGCCAG GTGGCTACSC TTATGCTTTT NNCCAGGAC CTTGIGGAAG
451 GCCTCTCTBA AGTGTGCAT GGAGCTGAGC ACCATGCCCT GCATGA

ug172rcon Length: 430 March 29, 1996 7:11 PM Check: 6651 ..

1 GGAATTCCCG TTCTCCTGTA TAGGAGGCAG CCATGGCGCC CAGCCGGAAT
51 GGCATGATAC TGAAGCCCA CTTCACAAG GATTGGCAGC AGCGAGTGA
101 CACTTGTTC AACCAAGCGG CGCGCAAGAT CCGCAGGCGC AAGGCCCGGC
151 TGGCGAAAGC GCGTCGCATC GCCCTCGCC CCGCGTCCGG CCCCATCAGG
201 CCCATCGTGA GTGCGCTAC AGTGAGATAC CACACCAAG TCCGGGCTGG
251 CAGGGGCTTC AGCCTGGAGG AGCTCAGGT GGCTGGCATC CACAAGAAAG
301 TGGCTCGCAC CATCGGCATC TCTGTGGACC CGAGGAGGCG AAACAAGTTC
351 ACGGAGTCAC TGCAGGCCAA CGTGACAGCG CTKWAGGAGT WYKCTCCAA
401 GCTCATNCCT GTTCCCAGG AAGCCYTTT

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ug173rcon Length: 383 March 29, 1996 7:10 PM Check: 3254 ..

1 GAATTCGCTT GTTCTGTCAT TTTCITTCCT TGGTAAACTC TCTGGGGATT
51 GGTCTGTWCT CAGCTGTGAC TATAGTCACA TCCTGGITCC CAGCAGAAAT
101 KGTGAAACAA CCTGCWGCCT AGCCCACAGT ACTACAGTTC TCTGTTTTGT
151 TTCTGTTTCT AGCCCCCTC GATACTGACA ACTGGAGTTG AAGCTGCTTG
201 AAGTAAGTCT GATGCTTTCA TATAAGTGAA TTTGTAGGAC TATTGCTTTT
251 WRTTTTTTACA ACAGAAGTAA TTCTGACATA TTAAGTGAA AATCTAAATA
301 AGTATATAGA TTATATAACA TGATTTTAAT TACATGGGAT CCAACTACAT
351 ATGTGATTAG ATAATGTGTA TATGTACATA TGT

ug174rcon Length: 166 March 29, 1996 7:10 PM Check: 917 ..

1 GAATTCGAAA TCCCTATGCT GDNMAGAGGA AAGCCAGCTA AGTTTINWRC
51 TGTGTTTWR TCTAAACGTG ATGGTGTTC TGAGGCCAAA AAGTACAAGG
101 CAAGTTTWNC AATATTTCTC TGCAAGAAG CAAAGAGAGA AATAAGACCM
151 SCCAGCAATT GAATTT

ug175rcon Length: 231 March 29, 1996 7:10 PM Check: 3548 ..

1 GAATTCCCTCC GATTCATTTA TTAGGACATG ATCTCTGATG AATCTTTACT
51 TCCCAATTGC TAGGCTTACT AGCAGCAAGC ACACCTGCAC GAGSTCCAAC
101 ATGGGKTCTG GAGATCCTAC ACAGGCTAAC AATTTCNNN VCTTCTAAAA
151 TGGAAATCTC ACACCAAACC ACTTACCTCT TCTTIGRTT TCTGBACAAA
201 GTCAAGTCAA CATAGGACAG GCGTGTCTC T

ug176rcon Length: 294 March 29, 1996 7:10 PM Check: 3208 ..

1 GGAATTC AAG AGAAGGAAAG AGAGAGGGGG AGAGAAADAA AGAAAGAAAG
51 AAAGAAAGAA AGAAAGAAAG AAAGAAAGAA AAAGAGAGAG AGAGAGAGAG
101 AGAGAGAGAA ATAAAGAAAA RGCTAAAMMT DDMWRVWRCT TAARMTCTTA
151 TAGAACCACA CATCATTTTT GTTTGACTTA TATCCCMCTC BGCAATMTCA
201 AAGTCCAGTC CAACAAGAGT TCCMGCTTCG GACACACATT TGGTCAGGAT
251 GATGGTGGTT ARTAMCTVNM TGTGNTCTGT CTAGRWCMAA ACTC

ug177rcon Length: 506 March 29, 1996 7:10 PM Check: 7216 ..

1 GGAATTCCTC CAGGGTAGTC TGGAGGTGGT GATACCATAG GAGAATCCAA
51 GTTTACAATG GATTTCTATA CAATTCTTAA AGCATTTCTT CCATACGTGT
101 TAAAAAAAAA AAAAAAAAAA AAGATGTTTT AACCAGGCTC ACCAATTTGGG
151 TAATTTTTTT GACCAATTAA ATGCTATAAA TTATAATTGT ACCAAATATT
201 CAGAAACTAT TATTTATAAA TATTCAGGAC ATTAATTACG ACOGCTTATT
251 TGTGCCTTTT CAGACAGCAG ACATTCAATA TGTTAATACT TTTTTPAATTT
301 TTAATAACTC ATCTTGATGT TTTCCCAAAA NTCCAGGAG TATTTTCCAA
351 AAGGAATAAA AAAAATGTAT GTATAGATCA TGATATGTCA AATCTGTGCT
401 CACATGAAAA TACCAGAAGG CAAAGCTAAC AAGAGCAAGC AAGTAGAGTG
451 GTTAGNNHCA CATCACTAGA GACACAGAAA TGTACCTTGT TGTCAAAGTT
501 GAATCT

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ug178rcon Length: 492 March 29, 1996 7:10 PM Check: 2867 ..

1 GGAATTCCAG AGGAAGGAG CTCAGAAGAT GGAACGAAG CTGATGAGAA
51 GAGCTCTGAC CAAGGGTGC AGAAGGTGG AGATACTGAT GGCCTGGTA
101 ATCTTGATGG AAAGAAAGAA GATGAAGACC CTCAGGATGG AGGGTCCCTT
151 NCCTCAACAC TGTCCAAGTT GAAAAGGATG AAACGGGAAG AAGGAACAGG
201 GGCTACAGAG CCAGAATATT ACCACTACAT CCCCCAGCA CACTGCAAGG
251 TCAAACTTAA TTTCCCTTC TTA CTCTTTA TGAGAGCCAG TGAACAGATG
301 GAAGGGGATC ATAGTGACA CTCAAAGAGT GCCCCGAGA ACAGAAAAAG
351 CAGCTCTCCC AAGCCGCAAG CTGTTAGTAA GACAGCAGCA AGCCAGGGG
401 CAGAAAGAAC AGTGAAGTAA GCTTCTGAGC TGCAAAAAGGA AGCCGCTGTG
451 GCTGNCCTT CAGAGCCTGG NGCAAATGC ATGAAACMAA GA

ug179rcon Length: 458 March 29, 1996 7:10 PM Check: 6778 ..

1 GGAATTCTAA TCATATGTCA GAGAAATAGT AACTTCACCA TAAGTGATAG
51 TGAATGAGG AACTGTGAGC TATAAAGAAG TTATGTTAAT GTGTGAGATG
101 TCTTTTCAAA AATAAAGTTG TACTATGGAC AAATACATG TGAAACTTAT
151 TTATTGTAAT TTTTCTAGT ATTTATAATT ATTTTATACA ACTTTTATGT
201 GTTTTGTCTT TTA CTTGAC AACTAGGCAA TAATCTGCA ACTTCTTCC
251 AGGTCACCTA GATATGTCA GTACATTACG TTCTCTAGC TTGTACAGG
301 AACATCCAAA AACTCTCGA AGCATTTGTT CAGATCTTCA GTATTTTCCA
351 GGTACAAACA AGTGATTAT TTATTTTGRA AAACATAGTT ATATTTAGTA
401 AGACTTGTG TNMSCMGDDG GTGGTAATTG AAGTACCTTA TTCCYTGGTA
451 TATTAAGT

ug180rcon Length: 319 March 29, 1996 7:11 PM Check: 4599 ..

1 GGAATTCATT CAAACACTGA AAACCAAATT TTATAACAA CCATCAAATC
51 TATGCAGTTT GCAGATTTTC CTCCCTCCT TGAAATAATT TCAGAAGCAT
101 ACACAGAGGG GTCCCTACAC TAAGAAGGCA CCAGGGCCCC AGTTTATTC
151 AGTTTATGGC CTTTTCCTGT GTCCGAGGGC AGCCTTATCA GCAGGCATAG
201 ACTGGTCAAA CTAGCCCCGG AAAGMCTGCT TTATGAACTT CAATGACGAT
251 YCCATCCTCA AAAANGCCTA ATCAACYACC GTCTCCATTC TTTTCCMACA
301 CTGACTAGTT AAACCTATT

ug181rcon Length: 221 March 29, 1996 7:11 PM Check: 6478 ..

1 GGAATTCAG GCTGAGCGG CCGTATACTA TTATATWAAT CAAAACATTT
51 ATCCTACTAA AAGTATTGGA GAAAGAAATT CGTACATCTA WGGAGCTATA
101 GAACTAGTTA CCGCAAGGGA AAGATGAAAG ACTAATTWAA AGTAAGAACA
151 AGCAAAGATT AAACCTTGTA CTTTTCGATA AMGRACCTAA CTHAGAAAAC
201 CTTCTTAACT AAARGAATTA C

ug182 Length: 285 June 11, 1996 2:20 PM Check: 6816 ..

1 GAATTHGGCA TAAATCAAAG GGGGTGAAAT TAAAGCAATC CTTTCTGTTA
51 TTTCTCACAA GTGGCAGATC TGTATTTTGT TTATAGAAGA CTGTAGATCC
101 TTTTAAATGA CAGACAGAAT TCTTAARRRA TTTTAAGGCA TGGAGAGGTA
151 AATGACAGGT TTGTACATGG AGTAAATAAG GTATCAAAAG TAGAAATATT
201 AAATTTATGGG AGTGGAGAGA GAGAGAGAGA GAGAGAGAGA GAGAGAGAGG
251 AGAGATCGAC AGAGAGAATA CAACGTTTGG TTAGT

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ug183rcon Length: 473 March 29, 1996 7:11 PM Check: 2807 ..

1 GGAATTCGTG ACCTCACTGC TTAGTTCCTG GAAAGCTGG GACAGACAGG
51 GGCTTGGCT AGACTGTCCC CAACACCCAC TCCCTGCCAT GCTCAGTGT
101 GGGCTTGGGT TTCACCACTG GGGCAGCAAG GCAGGCCAGC GGGGCTCTC
151 TGGGCTCTGG AAACAAGCTC TGCCACATAG CTCTGGGCAC AGTCCATCCC
201 CTGGGGCCTG AAGGAGGTCA CCGGGAGGTG ATCTTTTTC ACCTCTGATT
251 GAGCAAGACA AGGCCACTGG GGACAACTGA ACAGCACAGC CAAACTTTGA
301 AACAGAGAGA CAGGGCCAGG CAAAGTGCCC ACCGTGCCCC CACTCTTYCT
351 GCGTTCBARN CCAGTCTCCC TGGGGGAGTC AGTGACGGGA TCTGGGGGAT
401 GTTCTCTTCC AGATCTGTTM ACTGGCCTTT TAGAAATGCC TCCTGGGGAT
451 TGTGAATTAG TAGAGCAGTT TGT

ug184rcon Length: 342 March 29, 1996 7:11 PM Check: 2184 ..

1 GGAATTCATA AGAATGACCA AATAAAATTT TGGGAGCAAT AAATGTAGGA
51 GAAAAATCTT TGSTGGGGGG TTTGGGAAAG CTTAACTTTT TAAAGGATAA
101 TGTCTTTTTTA AAAAGAACAT CTCTGGCTCT GACTGTTGAA AATACTTAAG
151 ATATACATAC CAGTTTTATT TGCCTTAAAA TCAACACAGAG AAGCAATGCT
201 TTAACAGATA AAAACAGAAG GTCAAACTAG GGCTAGAGCC TGTTAGGGAA
251 AGRAGAAAAG GCTAACCTAG KGGACTCAGT GGTGTTAACT GAAGATAGCT
301 ACCACATGCA AGATGTWCAC GGGCAGAGAG TTTATCCTGA AA

ug185 Length: 89 July 18, 1996 12:14 PM Check: 4996 ..

1 GAATTCGCGC GCTGTSTTCC CGCTCGGCTC AGGGACCTGC CGACTCAGC
51 GGCCGCCATG GCATCAGATG AAGGCAAGCT TTTKGTGGG

ug185rcon Length: 283 March 29, 1996 7:11 PM Check: 1649 ..

1 GGAATTCCTCT CCATTACTTA CTGTCTCTT CTAGTGAGT GGTAAACGGWT
51 GAGTCTCTAA GAGSTCTGGG GTCATCTCAG GAGTGTATG CTCAGCTTAT
101 GCATTTATGGC ACCCGGCAGG GGTCAITTTG GGCATGTCT GCTCCCCAGA
151 TCAGTGTGAG CACCAGACTG GTGATCATCT CAGGCTCCCT CCCTCTTGGG
201 AGCCCCATAG CACCTGGTGG TTGTCTCARG GTCTTCTGTC TTGGAHTCHM
251 TYCCACACAG CCTGTGGTCC TAGGCAGGAT TCC

ug186rcon Length: 259 March 29, 1996 7:11 PM Check: 5281 ..

1 GGAATTCGGG AATCCTTACC ATCACACAA ACTTACATCA GTGCTGTGAA
51 ATGTAAACAGA AAATCTGGGG ATGCTGACT TTKGTATTT CCTGCTATT
101 TTATTTAAGCT TGAGTATGGT TAATATTTAT GCTGGCGTTG CATTAATCTC
151 AAAAGATTAG CACCTATATT CCATGGATTC TCTCGHCTT TAGTCCAAAT
201 ATTTTTTAACC NGGGCATGGC AGTACACCAC CTTTAAHCCC AGCACCTGAG
251 GGAGGCAGA

ug187rcon Length: 390 March 29, 1996 7:11 PM Check: 4108 ..

1 GGAATTCCCA GACTGAGGAA GACCCGGAAA CTCCGGGGCC ACGTGAGCCA
51 CGGCCACNGC CGCATCGGTA AGCACCCGAA GCACCCAGGC NGCCGCGGA
101 ATGCTGGAGG CATGCACCAC CACAGGATCA ACTTTGACAA ATATCACCCA
151 GGTACTTTG GGAAAGTTGG TATGCGCAT TACCACTTGA AGAGGAACCA
201 GAGCTTCTGC CCAACAGTCA ACCTGGATAA ACTGTGACA TTGGTCAGG
251 AGCAGACACG GGTCAATGCG GCAAAAAACA AGACTGNGT NNMTCCATC
301 ATTGATGTTG TTCGATCAGG CTACTACAAA GTTCTGGGCA AGGRAAAVVT
351 CCTTAAAGCA ACGTGTCATC GTGAAGCCAA ATTCTTCAGC

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ug188rcon Length: 415 March 29, 1996 7:11 PM Check: 7086 ..

1 GGAATTGCGA GAACTTCAC TCAATCAGCT TCCGAGGGTT TAGGGATCGA
51 TGCCAGTACC TGCAGGTGCC CACAGGCTTT GGCAACACCA CTCGGGCGAT
101 GTAAACAGCT TGGAAAATGC CCTCCAGGTG GACCGGCCGG GTGATCTCTC
151 GGATCAAAAC TGGAGCCACC CTCTTAGAGC GCAGCTTCTT GTGACACAC
201 AGGAAGTTGA TCTCCACCAT CTTCTTCTCT GTGTCATAGA TGTGGATGTT
251 TGCTGGGATG GCACTGATGA ACCCAACCAG TTTCGAGCTT GAGACCACTC
301 GGACCCCA CA GTGCCACTGT GGGAGCCAAC CTGGTGGCCB GAGAGCCCAC
351 AAGAGARACT TCTDGGGAA TAGTCGAATC GGAACATATK GTCATCATCT
401 TCCACGGTAG TTTCT

ug189rcon Length: 273 March 29, 1996 7:11 PM Check: 472 ..

1 GGAATTCCTT TCTATTAAAG ATTTCATCT TCATGAAGAC AAAGGGACAA
51 TAAGAGATGT CATGACCCCA AACTTAGGG TAAGCAATTT TTGKGCATT
101 TGTATTAGC TGTCTTGAA TTAGCTTATT CAAATTTCT TACAGGAGCC
151 AAAAAGGAGG GAGAGACACC CAATTTGAWT ATTTTAAAT TTAACAAAG
201 AAGTAAACAA ACCYGTARA AKGTTTACA TAGCACAGTT TGGGGAGGGA
251 GAACAAATCA TTTTCTGVCC TTC

ug190rcon Length: 230 March 29, 1996 7:11 PM Check: 5671 ..

1 GGAATTCOC GGCTGAGCN NGCGCTTTT TTTTTTTTT TTAAGCAAA
51 ATCTTGGAAT ATCTTCCCA TATCATATAT TTTATTAGAC AATATTATGA
101 TTTTGTCTG GTCTTAAATA CCCAAGGGA TGGCTGTCCA CTAACCAAA
151 ACCACCAGT CCTTCACTAC CTACAACAGT TTAGRATCAG KTTTAAAAAC
201 CCTTCTCAT CAAGGGCAG GACAATTTAA

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ug191rcon Length: 359 March 29, 1996 7:10 PM Check: 8692 ..

1 GGAATTCCTT TTTTMTTTT TTTTAAATTC AGACAACCAA GTTCATTTGGA
51 AGTGTATGTA AAATAGAAGG TAACCTTCCT GCAGGAGAAC CAAGGGGCTC
101 TCCTGTGAGG TAGTGCCACG TTATGAAAAC TATGAAAAC TAAAAGTATC
151 CTCCTTTTTC CAAAGGTTCT AAGCTGTGTT ACAGATACCT ACAAGAGGTT
201 TAAGATGTGA GTGAACGTGT CCTATTGTG TTCTCATTTA TAGCCTTTTC
251 TATGAACTGG TGATGTTTTG AAGTATGAGT TTATGAAGTC TCTTTGTGAA
301 CCTGGACTTT TATTTCATA GTTTGAACYK GTGTGACACT AGAGKTTACC
351 TGAATACAA

ug192rcon Length: 362 March 29, 1996 7:10 PM Check: 1959 ..

1 GGAATTCCTC GAATGTATAA TAACTTCATA TTGGGATCTG CATTAGGTGG
51 AGGGCTTCTC TGCACTCTA TTCTTGACAC AGACTGTGCG CTTATGCTTT
101 TTATGGTTTC ACCTCCTTTT TYCAATGATC AGTCCAGITT TCCAGTTGG
151 CACAATGAAA TTAACTCCT GGGTTCACAC CGGGGGCCCC ATATTCCAGT
201 TTCTTTGACC TCTACCTCGT CCTGACACAC CAGGTCCCGG TCACACAGGA
251 TTGCCAGCCT GAACACTTCG TAGAAGGTCT GTGATTTATT CTGCACGGTG
301 CTGACACCTG TTTGGAGGTC CTGTTTATCT GTGCCATWCC TAWTCAGGTG
351 TTGTTCCATC AT

ug193 Length: 217 June 11, 1996 2:20 PM Check: 3226 ..

1 GCGGTTAGGC GAGCAGCGCC TGCCCTGAAGC TGCGGGCATC CCGATCAGA
51 AATGAGCGCC AGTCGTGTC GGCCTCGGC ACCGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTGAG CMGSCCGCC TTGTTCTCTG
151 AGTGCCAGTA AAGSCCGGC BGCTGAACCC CCAACCGTTC VCCAGTTTGC
201 SGTSGTCAG ACCGTCT

ug194 Length: 325 June 11, 1996 2:20 PM Check: 8725 ..

1 GAATCCGCGG GGACCAAGCCC GGCAGAATGG CTCCTCGAAA GAAGGGTGGC
51 GAGAAGAAGA AGGGCCGTCT GCCATCAACG AGGTGGTGAC CCGAGAATAC
101 ACCATCAACA TTCACAAGCG CATCCATGGA GTGGCTTCA AGAAGCGTGC
151 TCCTCGGGCA CTCAAAGAAA TTCGGAAGTT TGCCATGAAG GAAATGGGGA
201 CACCAGATGT RCGATTGAC ACCAGGCTCA ATAAAGCCGT CTGGGCCAAG
251 GGAATAAGGA ACGTTCCATA TCGATCCGA GTACVCTTGT CCAGAAACY
301 GTAATGAGGA TGAGGATCCC CAAAC

ug195 Length: 521 April 26, 1996 3:27 PM Check: 4258 ..

1 GGAATTCGGC CCTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTTTTTTT TTTTCCATT TTAGTGACA TCMTTATGT TTAATAGATC
101 ATCAATTCTT GCAGACTTAC AGCTGGGATT TCATCAGATT GCCATGCTGA
151 GTCAAGAACA GTGAGTGACG AAGCTAACCA GAGGCTACAT ACGTCAGAGA
201 GAGAGCTCAG CCTTTACAGC TCACTTCCTT TCTCAGGCAG AATATAAATA
251 GACGCCCTCT ACAATGCACA ATGGTTTTAG TCACTAAGGA ATTTAAATGG
301 GATCTTGAAG AACACAGACA AATCCTGATG CAGTAAAGAC GAGCTGAGAT
351 GCTGTGCAAC TGTTTAAGGG TTCTGTGTGC CACATCTCAG CCACTAGCTG
401 AATCTTGCGC TAACACCAAA TGGAGAWGTG GAAAACACTA GGTGACTTGA
451 GGAGCACAGG AACCAGAGGC GGGAAAGAAA ATACTAAACA TTGCTGAGAG
501 CATCCACCCC AGGAAGGACT T

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ug196 Length: 301 June 11, 1996 2:20 PM Check: 9802 ..

1 GAATTGCTA TGAGAAGGTG GCGAGACTGC AGAAGGTGGA GACAGAAATC
51 CAACGGGTCT CAGAGGCTTA TGAGAACTTG GTGAAGTCAT CTTCCAAAAG
101 AGAGGCTCTG GAGAAAGCCA TGAGGAACAA GCTGGAGGGC GAGATTAGAA
151 GGTGTCATGA CTTCAACAGA GATCTGAGAG ACGTCTAGA GACTGCCAAC
201 AAGCAGCTGG CAGAGAAGGA GTGAGAGGRR TCGAGGACA CCAGGAAGAC
251 CATCTSGSAG CTCTTTGCCA AACATAAAGA AARCCAGCGG GAGAAGGAGA
301 A

ug197 Length: 483 June 11, 1996 2:20 PM Check: 5286 ..

1 GAATTCAAAC ACCACTACAA AAGACACTCT ATCAAAATCA GAGTAAGAAA
51 AATATGAAAA CTTTCTTGCT TTCTGATTAT CTTACGTGGA ACCGAAGGA
101 AAAGCTAGTG AGAGGATATC AAGTCACTTC TAACAACCAC AGAGTTATAA
151 ACCTATCTGG TGTGAAAAAT CAACATGAAA ACGAACCACT CACTTTGACT
201 AAATATAAGG CTGTTTGTTA CATGCCTTAA GGAACCACTG CCATGTTCAA
251 CATGTGGCAA AAAGACAGGG CATGTTTGGA ATTCACTCTT AAAACATCCT
301 GTCGAAATGT ACCTTACTCC GAACCTAAGTC ACATTTTCTA GAGGTCOCAT
351 GAGAAGAAAG TWAAGGATAT CGGTACATTA CTCTAACAAA AACTTCAGTT
401 AAGCATTACC GTGGCTGTTT ACTGCTAATA ACTAGAGRG CATGTTAAGC
451 TAGGGAAGCT AAGGTCAGCA CGACGTCTGT AAA

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ug198 Length: 469 June 11, 1996 2:20 PM Check: 1505 ..

1 GAATTCAAGG TTTTGGATAC CAAAACTAC AAGCAGACTT CCGTGTAGAT
51 ATGTTGATGA AGATCCTGAC TCTCTAGGAT TGTACTTTGT GCTTCAACTA
101 TTCAAGGCAT AGCATGAATG GACGTCCATC TTACAAAATA ACCTGTGTGA
151 AGATGAATGA TTCGGCCTGA AGCAGGGAAG TTGATCAGTA TTGATTTGTC
201 TGCTCTCACA AAGTCTTGAA CAGCAATGAT ACGCCCAGTT TTCTGCCCTA
251 AGTGGTTGTT TTCTTTGTGA GCATGTACT GAACTAGATT AAGAGGACAA
301 AATTAAATGAA TAAGGTGTTT CHTGAACCTC TGTACGCACT GTCTACTCAA
351 CATTATCCAT ATGATTCTTA CCTGATCCAT GCATTATTTT ATAGTTACTA
401 ACAAATGTGA AAWTACTGAT CCTTGTCTCT GAACTTGACA TCCAGAHCYC
451 AGATTCTTCA TTTATTAC

ug199 Length: 229 June 11, 1996 2:20 PM Check: 1055 ..

1 GCTGGCGCGG ATTCTTTAHT CACTGATAAG TTGGCTGGAC AATATTATGT
51 TTATCAGTGA TAAAGTGTC AAGCATGACA AGTTGCAGCC GAATACAGTG
101 ATCCGTGCGG CCTTGGACCT GTTGAACGAG GTCGGCGTAG ACGGTCTGAC
151 GACACGCAAA CTGGCGGAAC GGTGGGGGGG TTCAGCAGCC GGCCGCCCTTT
201 ACTGSCACCT TCMAGGAACA AGCGGGGCGC

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ug200 Length: 477 April 12, 1996 12:01 PM Check: 6731 ..

1 GGAATTCGGC AAACGCTCAA CTACTGAGCT ACAGTCTGAG CTCAGTATAA
51 TTTTAAAGGA TTTTACCAAT GCTTAAATGC TGTGCTTGA TGTTACTACT
101 TATCCTGGTA TAGATGGTGA AAATTTTCAG ATATGTGGAT TTTTATCATT
151 AACATGGAAA AAGAAAATTA GTTTTAAAAA GTTATGGATG TGTCTGTGTA
201 GCAGGTGCAT GCATGGCTA TGGAGTHCAG ATGTGGGTAT CAAAGTCTCT
251 GTAAGTGGAG TTACAGATTG TTGTGAAGTG TCATGAGAAT ACTTGGAACT
301 GACACTGGGC CCTGGGAAGA GCAAGCAGTA CTCTTCACTG CTGAGCCATT
351 TCTCCAGACA GCAACATCCT AAACMGGTAT TCTGGAATCC CACACCCCTA
401 GTCATATTTT CAGTTAGGCT AAAAGATTCA CTCATACTTT CTCCTCTTAT
451 ACAGGAATCT GTGTATCTCT GTACAGA

ug201 Length: 535 April 12, 1996 12:01 PM Check: 8162 ..

1 GGAATTCATC CTTTCAAATT ATAATCATTC TGATAGAGGT ATTTTAATAT
51 ACATGCTTTT AAAAACAAAA CAAAAAATA CTGTCAGTAT GAATACTGAG
101 CCAGACTGGC ATATATAGAT TTAACATCTT GTCCFACTAA GATTCTTAAC
151 TGTATAAAAA TAATATGGCT TTTAGACATA TAGGATACTA ATTTCAATGA
201 GACCCTTATC TCTTTATGA ACATTATGTT AGGACAGTA AAAGCCATGC
251 ACTTACCTGC TACCCATTGG AAAATAAAAC GACTGTCCCC AACCTAAGTA
301 AGTATGAAAA TTAGGCTAGC CTTATTTTAT CTTTAACTAC TAAAAGTAAG
351 TCTATAGAAC TTAAAAATTA AGCACTATTA GTTGTCATGG CTATATTTTA
401 TTTTCCAAAA ATTAAGTTAA AAGTCATTAA TGTCATTTGAT TATATACATG
451 TATGTTTTTC TAATAATTAA AATACCTTTC AAATCCATGG AATGTCTGGC
501 TTTTAAATGT AATTTGACCT TTYGCCYTG ATTTT

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ug202 Length: 364 April 12, 1996 12:01 PM Check: 971 ..

1 GGAATTCTTC TGTCATGGG CAACATTATC AACTGGTGGC TGGCTGCATA
51 CGGACTCATC ATGCGCCCCA ATGACTTTGC TTCTTACTTG CTGGCAATTG
101 GCATCTGCAA CCTGCTGCTT TATTTOGCTT TCTACATCAT CATGAAGCTC
151 CGGAGCGCGA GAGGATCAAG CTCATCCCTC TGCTCTGCAT CGTCTGCACC
201 TCCGTGGTCT GGGGCTTCG GCTCTCTTC TTCTTCCAGG GACTGAGCAC
251 GTGGCAGAAA ACCCCCGCAG AGTCCAGGGA GCACAACCGC GACTGCATTY
301 CTYCTGAGCT TCTTTGATGA CCAOGATATC TGGCACTTCC TGTCTCCAT
351 TGCCATGTTT GGGT

ug203 Length: 600 April 12, 1996 12:01 PM Check: 3974 ..

1 GGAATTCAC ACATGCACTT ACTCATGCAT GCATGCACAA ACACATTACT
51 ACTGATACAG ATGTCAGTAT TCCCAGAAAG AGAGTTCAAA AGATATTATG
101 ACTGTATTCC ACGTATTCAA AAATATCAGT TGAATAAGAC TAAAATTAAAG
151 CTTATAGCAA AAAACTACAC ATAGTGTAAC AGGAAGAATA CAAGAAGTTG
201 ACAGCAGGCT ATACTATGTC ACAGGTGGGT GACCATGGAG ACAGTGACTG
251 CTCAGCAGTA GGAAGTGTC TGAGTGAATC ACTGAGACAA ACTTCTTTTT
301 AATGGGCAGA ACATCCGTGA ACTTCTTTA ACCAAATAAT ATATAGTTGG
351 AAAAGTCAAA GAAAAAGAA TACCTAGAAA AGTAATATCT GAAAAATTTC
401 CAAATTTTGT ACAAACCATG AATCCATATA TTCAAGCACA AGAATCAAAG
451 AAAGATTAC ATTTAAGATT CTAAAAGATG ATTAGAAAGA GAAATTATA
501 AATAGTTATG TGTTATTTAA AAAAAAAAT CTATGACGAC TAAGGCTGGT
551 GGTATATACC TTCACTCCTT GAACTCAGGA AGCCBAGGCA GGTARGGTGT

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ug204 Length: 325 April 12, 1996 12:01 PM Check: 9347 ..

1 GCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAGT GTCAAGCATG ACAAAGTTGC AGCCGAATAC AGTGATCCGT
101 GCGCCCTGGA CCTGTTGAAC GAGGTCGGCG TAGACGCTCT GACGACACGC
151 AAAGTGGCGG AACGGTTGGV GGTTCAGCAG CCGGCTTTTA CTGGCCTTCA
201 GGAACAAGCG GCGTCTCGA CGACTGGCC GAAGCCATGC TGGCGGAGAA
251 TCATACGCAT TCVGTGCCGA GAGCCGACGA CGACTDGGC TCATTCTCTGA
301 WCGGGAATCC CGCACYTTCA GGCAG

ug205 Length: 239 April 12, 1996 12:01 PM Check: 9400 ..

1 GGAATTCGTA AGAACAAGCA AAGATTAAAC CTTGTACCTT TTGCATAATG
51 AACTAACTAG AAAACTTCTA ACTAAAAGAA TTACAGCTAG AAAMCCCGAA
101 RMCAAACDAG CTACCTAAAA ACAATTTTAT GAATCAACTC GTCTATGTGG
151 CAAAATAGTG AGAAGATTTT TAGGTAGAGG TGAAAARCT AACAGCTTGG
201 TGATAGCTGG TTACCCAACM TGAATTTAAR TTCAATTTT

ug206 Length: 377 April 12, 1996 12:01 PM Check: 6907 ..

1 GGAATTCGTC TTGTCTGGAC AAAAATGGTT GGTTTAAAAG GCCAAAGAAA
51 GTGCTGGTAG AAATGAGAGT ACTAATTAGC CTCAAAAAG AGACTGTTCT
101 CATGTCTTT GTACCTCAGC CATAGCCTGG TGCCTGGGC ACATGGTCAG
151 TGTCTCAGAA AATGTTTGTG GAATGAATGT TGTTTGTTTG TTTGTTGTT
201 TGTTTGAATT CTGGAATTA TTTGTGAAC ACAAGACAC CCAGCACTA
251 CTGGGTGCTC ACTGTTGTGA GAGACTAGG CTGGHHVCTG GGCAGTAGGG
301 ACAGCCTCAT TGGCTAATTA AGGATTTTTT TGCAATTCV GCGGATTTAC
351 AAGGCACTTT CTTGTGAGTT ATGTAGT

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ug207 Length: 452 April 12, 1996 12:01 PM Check: 8076 ..

1 GGAATTC000 TAATCTCCAT TAACGAAAAT GACCCAGACC TCATAA0000
51 AATCAAACBC CTAGCATT0G GAAGCATCTT TGCAGGATTT GTCATCTCAT
101 ATAATATT0C ACCAACCAGC ATTCCAGTCC TCACAATACC ATGATTTTTA
151 AAAACCACAG CCCTAATTAT TTCAGTATTA GGATTCCTAA TCGCACTAGA
201 ACTAAACAAC CTAACCAT0A AACTATCAAT AAATAAGCA AATCCATATT
251 CATCCTTCTC AACTTTACTG GGGTTTTTCC CATCTATTAT TCACCGCATT
301 ACACCCATAA AATCTCTCAA CCTAAGCCTA AAAACATCCC TAACTCTCCT
351 AGACTTGATC TGGTTAGAAA AAACCATCCC AAAATCACCT CAWCTCTTTC
401 ACACAAACAT WAACCACTTT AACAACCAAC CAAAAGGCT TAATTAAATT
451 GT

ug208 Length: 499 April 12, 1996 12:01 PM Check: 6029 ..

1 GGAATTCGAA AAAACAAAAA AATTCTGCAT GCTCAGATGC ACAGACTAAG
51 ACTGGGTAAC ATAAGCCATG CAATTGCCAA CGTGCTACCA TAATATATAG
101 TATAGTGAGT ATGTTCATCA CATGACAGTA TTCAGTGCAA TAGTTATGTA
151 AGATTTACTG AATTGTAAAG AATTGGAATG CATATAGGAT ATATTTGATC
201 AGTTTCTCTA CATTTAGCAT ATTTATATTA CCATCTTAT TTGTGTATC
251 TCTAATGTTT CATTATGGCT CGAGCCTTAT AAATTAATGT CACTCACAAA
301 TTCTTATTAG GAAAAATAGC CGTATGCTAC CTGCTAATAC TTACCAAAAT
351 AGTATCTTAC TTCAAAAGAT GTTTTGCTAA AATTTTAATA AGGAAATAGC
401 ATGCTATATT TTCTAATTTT AATTATATGT GAACAAGTCA ACATAATTTA
451 TATGARTTTA AATCTCCAGA TACTTCAGAA ATTGGTGCTT GTACACGTC

0953797 08204
102280 7673360

ug209 Length: 399 April 12, 1996 12:01 PM Check: 1440 ..

1 GGAATTCAGC AGAGCACACT CCCAAGTGCA CAGATTTAAC ACAGTAGCGA
51 CTATTTCGACT TTACAGGACT TTCAACAAT CTGAAAAAG ATCAACTGTT
101 GAAGATCTGT AGGTATGTTA CAAAACCAC TGGAGTCTTT GTACAACAGT
151 ATGCGTTCTC AGCAAAACCA ACACCAGGAG ATCCGCATGG CAACTAGTA
201 ACCGATCCAC TCCCGCCAAC CCAGGGGCAG GTCTCCGTGA GCTCTAAGCT
251 GTCTTATACA AAAGTTAAGG CAAAGTCATT TTCAAGTTTA AATAAAATTC
301 AAGTCTTTAA ATATTGGAT GGAAATAATT TTTTTCCTT AGAAAAAAA
351 AAAGRRAAAA GAAACCAAAA CAACCTTCAG TCTCATTAAG WAGCATTTT

ug210 Length: 183 April 26, 1996 3:27 PM Check: 8022 ..

1 GGAATTCGTT TTATCTTAAA ATCATATGTT TAAGGCAGTA AGACACTAAA
51 CCAAAACAAA AAACAAAAA CAGGGACATT TTAACAACCT AACTCCCATT
101 GTTCTCTGTG GCATTTATTC AGCAAGCACA TGGAAATAGC AAAGGAGAAT
151 CTACAATAGC TGTCCCAAT GCAATTACAC ATG

ug210 Length: 396 May 30, 1996 10:48 AM Check: 3334 ..

1 GAATTCGTTT TATCTTAAAA TCATATGTTT AAGGCAGTAA GACACTAAAC
51 CAAAACAAA AACAAAAAAC ARRRACATTT TAACAACCTA ACTCCCATTG
101 TTCTCTGTGG CATTTATTC AGCRAGCACA GGAAATAGCA AAGAGAATCT
151 ACAATGCTGT CCCAAAGCA TTACACRTGG AAAGWTTACC AATGCAGGGC
201 TGGGTTTGA AAGCCAAAGT GTTAGTGMAG AWACAGAGCT TGACACCTAG
251 CAAGRAGARA CGAGTTTGA GCSTTGTGC TCAAGTMTTG AAAGATTGAA
301 MTMTTGAAG TNGTTCAATTA GTCATCAAAG GTCACATGTM AATAGTTGCR
351 ACTTTAGGTG TAAATCTGTG TGGGGAGTTT TTATAGCCTT TGGCAG

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ug211 Length: 407 April 12, 1996 12:01 PM Check: 5822 ..

1 GGAATTC CCC CCTTTTACCA GTGGATGGAC ACAGAGAACT TCGTGTTCGC
51 TGATGACGAT CGCGTGGCA TCCAGCAACT TTATGGAAGC AAGTCAGGGT
101 CACCCACAAA GATGCCCCCT CAACCCAGAA CTACCTCTCG GCCCTCTGTC
151 CCAGATAAGC CAAAAAACCC CGCCTATGGG CCCAACATCT GTGACGGGAA
201 CTTTGACACC GTGGCCATGC TCCGAGGAGA GATGTTTGTC TTCAAGGAGC
251 GATGGTCTCG GCGGGTGAGG AATAACCAAG TGATGGATGG ATACCCAATG
301 CCCATTGGCC AATTCTGGAG GGGCCTCCTG CATCCATCAA TACTGCCTAC
351 GAAAGGAAGV MHCAAATTTG TCTTCTTCAA AGGAGATAAS ACTGGGTGTT
401 TGACGAA

ug212 Length: 354 April 12, 1996 12:01 PM Check: 9841 ..

1 GGAATTC CGG GCTCGAGCGG CGCCTTTTTT TTTTTTTTTT TTTTTTTTAA
51 TCATTAAGGT AATTTTATTA ATATAGATAT CTGCAGATCA AGTGAATGGT
101 ACTAATGAAT AGTTTGGTG ACCTCACCTC CTCATGTATA ACACTGAAGA
151 TTCTCCACT CCATGTTTAC TCCAGACTCT CAGTTTTAAA GCAAGCATCA
201 CAGAATACCA GGCTCTTACA GTGATCGGGA GCTAGAGCTC TTACACAAAG
251 CCATACTCCA CMHGTGACA GTTCTTTTAG TAATACATAT AGTACTATCA
301 GATAACTCAT TCCACAACA AAAAATTAAH CATTATGTCA ACCAATTCGB
351 CCAT

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ug213 Length: 575 April 12, 1996 12:01 PM Check: 2390 ..

1 GGAATTTCAGC AGAGCACACT CCCAAGTGCA CAGATTTAAC ACAGTAGCGA
51 CTATTTGCAT TTACAGGACT TTTCACAAT CTGAAAAAG ATCAACTGTT
101 GAAGATCTGT AGGTATGTTA CAAAACCCAC TGGAGTTCTT GTACAACAGT
151 ATGCGTTCTC AGCAAAACCA ACACCAGGAG ATCCGCATGG CAACTGAGTA
201 ACCGATCCAC TCCCGCCAAC CCAGGGCGAG GTCTCCGTGA GCTCTAAGCT
251 GTCTTATACA AAAGTTAAGG CAAAGTCATT TTCAAGTTTA AATAAAATTC
301 AAGTCTTTAA ATATTGGATG GAAATAATTT TTTTCCCTAG AAAAAAAAAA
351 AGAAAAAAGA AACCAAAACA ACCTTCAGTC TCATTAAATA GCATTTTGTG
401 GAATAAGCTG TATGGTTACA TATAGCAGGA AATAGTTTAA TGTCTGCTGC
451 TTAGAATACT TAAAGAAAAA TCTTAGCGGT TTTAAACAA AATAATTTAT
501 CTGTAACTTT ATTATGAAC TGCTAACTTG ACTGCACCTC CGCTCCTCAG
551 AAGTGCCGCT TCTGACAATC TAGGA

ug214 Length: 588 April 12, 1996 12:01 PM Check: 9893 ..

1 GGAATTCOCG GCTCGAGCGC CGCTTTTTTT TTTTTTTTA AATGCCATG
51 CAGTAGTAGT TGGGTCGGT GGTGGCACAC ACITTTAATT CCAGCGCTTG
101 AAAGGCAGAG ACAGGAGGAT CTCTTGAGTT TAAGGCTAGT CTGGTCTATA
151 GGCTGCAAG GACTTGAGGG GAAATAAAG GTCACTACAA GCCATTCTTT
201 ATTTTAAOCA ATAGCATTAA ATTGTGCCA TAGTGATTCT TAGTTGAGAC
251 ATGTTCAGA ATGACTTCAT TCTGTATGCT TTTGCCTATG TCTGTGTGT
301 ATGCATTAAA TATTTTGAGT GACAACTTTT TAGTAATTTAT ATTTTTCOA
351 CAGAAATAA AAATATAGGA ATCTTAAGCA GTGTATGTAA CAATATTTTC
401 CTTGACGTAG ACAGCACATA CTTTAAAAAT ACAACTTAGG CAAGCAACA
451 CTTTTGTACT TAATAATTTA ATGAATAGAA GTTAGTTTGT TTTTGTAGCT
501 TAAGGGTGAA AAGGTAATC AGGCTTTAAA GCAAGACMGC ACCAAGTGCG
551 AGCTGTGATG TSCAGCAGT GTAACCTTC CCCACCC

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08-0679

1 GGGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAGT GTCAAGCATG ACAAAGTTGC AGCCGAATAC AGTGATCCGT
101 GCCCTGGAC CTGTGGAACG AGGTCGGCGT AGACGGTCTG ACGACACGCA
151 AACTGGCGGA ACGGTTGGGG GTTCAGCAGC CGGCGCTTTA CTGGCCTTCA
201 GGAAC

ug216 Length: 249 April 12, 1996 12:01 PM Check: 7220

1	GGAATTCGTC	GAGCGCGCGT	TTTTTT	TTTTTTTTTT	TTTAAACATA
51	AGCAGGCATG	GTGGCTCAGG	CCTGTAATCC	CAGAATGTGG	GGCTGCAATA
101	GCATGTCAC	TGTACCTTTV	VCCCATTTCA	AAAATCCACT	TAAACCATCC
151	CCAAAACGAG	TGTGAGAGAG	GATTACAGAT	AAC	TAAAGTAA
201	TGGTCACCGT	TATCTATTCC	TGGGTCAGAA	GCGGCATGTC	CATGAAGGC

ug217 Length: 389 April 12, 1996 12:01 PM Check: 7119 ..

1 GGAATTCAC CGGTGAAAA CTCTGGATT AGAGATTAG AGCTGTGCTT
51 CTGGCAACTG TGTCTTCCA TGGTGACTT CCAGCTAAAC AGCACTGATT
101 CTGTCCCTG TCAATGCAGA TACTGCAGGG TACTCACTCA CCACAGTAAA
151 GTCATGCTTT CAAAACCACT CACAGTACT CAAAGGCAAC GGCAACAACG
201 CCCAAACAT CTCATGGCTA TATAAACCTG GAATTCTGTC ACGTCAGGAG
251 CATCTTTATA GACAAAACAA TGTAAACTT AGGATTTAAC AACACAGTAC
301 TGGTGTCAAG CCCAGAATCT TACCATCAT CCCAGAAGAG ACCAGCACCA
351 AGGGTCAGAG GATGGAATTT KCCATACAAG ATGAGGGAC

ug218 Length: 228 April 12, 1996 12:01 PM Check: 1011 ..

1 GGAATTCGCG ATGCTGCTTG GAAGCCTTGG CTGAAACVCT ACCACAGCCA
51 GACCTACGGC AACGGGTCCA AATGTGATCT CAACGGGAAG CCCCGAGAAG
101 CTGAAGTTGG GTTCTGTGTG GACGAGGGTG CVGGCATATC TGGGGACTAC
151 ATTGACCGAG TAGATGAACC CGTCTCCTGC CCTACGTACT GACCATTTCSC
201 ACGTCAAGVC TCTGCCGCAT CCTCTCCT

ug219 Length: 429 April 12, 1996 12:01 PM Check: 2065 ..

1 GGAATTCGGC GCACACCTTT AATCTTAGCA CTGTGTAGGC AGAGGCAGGT
51 AGATTTCATA GTTTGATGCC AGCCTGATCT ACAGAGTGAG TTCCAGGACA
101 GCCAGGGCTA CACAGAGAAA CCTGTCTCA AAAAAACAA AAAAAAACA
151 AAACAAAAAA AAGTATGGGC AAAAGAGAAG AAAAATATCC CGGAAAGAAC
201 AATATAAGA ATGATGTTC CTTTGACTGA GGGGCTTGC ATATTACAGG
251 GATACCGGCC TGAGACAGCT GCCTCAAGAC AGGAGACGG AGCCTCCTCA
301 GAGTCCACTT GTTCCAAGTC CCAGAGTCAC CCGCTATVYC TCGATATTGT
351 ACCTTTAACA CMKGTGTGTA AATGGCCAGG CATWTGACAA ACCAGGGAAA
401 TAAGTCTATA ATGAGGAAGA AATTGTTCC

ug220 Length: 493 April 12, 1996 12:01 PM Check: 5338 ..

1 GGAATTCCTT ATAATTAATT AGAGGTAAAA TTACACATGC AAACCTCCAT
51 AGACCGGTGT AAAATCCCTT AAACATTAC TTAAATTTA AGGAGAGGGT
101 ATCAAGCACA TTAAATAGC TTAGACACC TTGCCTAGCC ACACCCCCAC
151 GGGACTCAGC AGTGATAAAT ATTAAGCAAT AACGAAAGT TTGACTAAGT
201 TATACCTCTT AGGGTTGGTA AATTTCGTGC CAGCCACCGC GGTACATACA
251 TTAACCCAAA CTAATTATCT TCGGGGTAAA ACGTGTCAAC TATAAATAAA
301 TAAATAGAAT TAAATCCAA CTTATATGTG AAAATTCATT GTTAGGACCT
351 AAACBCAATA ACGAAAGTAA TTCTAGTCAT TTATAATACC CGACAGCTAA
401 GACCCAAACT GGGATTAGAT ACCCCACTAT GCTTAGCCAT AACCTAAAT
451 AATTAAATTT AGCRAAAACT ATTTGCCMGA GAACTACTAG CCA

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102280 24/03/96
ug221 Length: 370 April 12, 1996 12:01 PM Check: 5472 ..

1 GGAATTCGGA CCAACACGCA GGATTACATC TTCCTCAGTT CCTAGAGTC
51 TCTAGAAGCC TATAGAACAA GACGGCAAGC TCTCTGGGCT TGCTCTGGGG
101 TTTTGTCTG TGTTTTATGT TGTCTTGTGT GTTTTATTAA CATCAGTGT
151 TCTTAAGATC CAGGACCCAG GGAGGTCTTT TCACATACAT ATACCAGGAC
201 TCTTGGGTAC TACTGTCACT CTGCGGAAG CAGGCTCCTC CATCGGCAAC
251 CAAATCCATG TAGCACTCCG AAHCCTTGGT TAGTCTATG ACCTAAATAG
301 TTAAACTTCA GAAAATGGTT TCAACAGATT TCYSTCCGAG TGGTTTGTAA
351 ATTGCATTTG TATTTGCTGT

ug222 Length: 338 April 12, 1996 12:01 PM Check: 8700 ..

1 GGAATTCGTT TTGGTTTGT TTTGTTTTG TTTTGTTTG TTGTTTGT
51 TGAGAAAGGG TTCTCTGGC TGTCTGGAA CTCACTCTGT AGACCAAGCT
101 GGCTTGAAC TCAGAAATCC GCCTGCCTTT CCTCCCAAGT GCTGGAATTA
151 AGCACCAOCA CTGCCTGGCC TCCTTTTTC TTCTGAAGGG TTTTCCCTC
201 CCTTTCCCT CCATCACCGA CTGATCTCTA GCAGCAATTC TTCTTCCGT
251 TTCTTCTGT CCTCTTGGG GAGGATCTCA CCCTCTGAA GAAAGGAGG
301 CTGCCTCTGC CTCCCAAGTG CTGGAAGAAT TCCACCAC

ug223 Length: 394 April 12, 1996 12:01 PM Check: 2234 ..

1 GGAATTCGAA GTCTGAAGGC ATTTTAGACA GGAGACTGAG AAGTACTGAA
51 GAATGGCCTA TACAGAGTTT AGAGCACTAG CSGTAGCGTA CAAGACTGG
101 TTCGTCTCTC AGCACCAAGA AATAAAGGTG TCAGTSAGAG TAGGATTATC
151 AAGCTCTTGC TCCTGACCGA GCACTGTGTC GGAACACAC CAGTGCACAA
201 CACGTAGCTG CTGAGCCTTG TGGCTGARCC CTTCCKKCC CCCATCCTCT
251 CCATCRCTGG ACTTGGTCTG CTCTTGAAG GCCTGGACTT AAGTCTTACA
301 GATCCTTCTC TGTGTCACT TCTCTTTGT CAGAGTGTCC TCTGTGCTTC
351 TGGCTGCTC CGTCCCTC TCAATCTCCT TTCTTTCATG TTTC

ug224 Length: 442 April 12, 1996 12:01 PM Check: 7197 ..

1 GGAATTCCCTA TAGACACATC ATGACAAGCA TGCCCCACAGG GTACTAAGCT
51 TTTCGGCTTA TAAAACTAG TGCTTATAAC TGTGTTCGCT GGTCTTAGC
101 AGTCTTCTAC ATTGTTAAT TAAGTTAATG GAAGGGATTT GCACCCAGCT
151 CAACCTCCAA ATGAAATAAT TTTGTTTACA TATCTTAGCA GCTCTTAGCA
201 ATCGAGTCAT AGGAGTTGAT TACAGAGCAA GCGCTGTGTC TTCATCTCTG
251 TGCTTCTGCC CTTAGGTCCA AAAGAAGAGG ATGAGCGGCC TTWGGCTTCT
301 GCGCTGADC AGCCAGCCCT TCWTMCAGAG GTGGTAACCA GGATGCAGTT
351 YCCACAGGTG GGCCATCCCT CTTCAGCCT GCGAGTCACA GCCAGGKGC
401 GATGGGAWAC AAGAAGTCAC AGACTGTGAG GTCAACAATA TG

ug225 Length: 341 April 12, 1996 12:01 PM Check: 5672 ..

1 GGAATTCCAA TGATTTTGCA ATTACAACAA TCAGTCTTCC AATTTTTRCC
51 GATGAAGGGA GGAAACTTTG GAGGCGGAR CTCTGGACCT TATGGTGGTG
101 GAGGCCAGTA CTTTCTAAAC CACGGAACCA AGGTGGCTAT ARCRGTTCCA
151 GCAGCAGCAG TAGCTATGGC AGTGCAGGAG TTCTAATTAC ATACAGCCAG
201 GTAAAGTCCTC CTTTGTGTGT GTTTCTTAAA TGTTATAATT GAACCCAGTA
251 ACCCAAATGT AGCTGAGCAG TACAACATAG TTAACATTAT AATTTCAGTA
301 AAATGGTGGG TGTTAAGTTA ATATGCAGTT CCGCCAAATT T

ug226 Length: 376 April 12, 1996 12:01 PM Check: 7269 ..

1 GGAATTCTCTG AGCCAGAGCC AGAAGACCTC AACACTGTCT CAGAAGATGG
51 AGACGCCAGC TTAGAAGATC TGGACCTGA AGCAGACGAA GCTCCACGAT
101 CCATCTTTGGG GAAGCCAGAC TTGGATTCCC AAGATCTGGA TCCCATGTCT
151 TCGAGTTTCG ACCTCGATCC TGATCCTGAC GTGATTGGCC CGGTGCCACT
201 AGTCTCTGAC CCAAGCAATG ACACCCCAG CCTGCTGCT CCAGATAGTG
251 GATTCCCTTC CTTCTGGGCC TCACTGCCAC CCCGAAAAAT CTTGGGCCAC
301 CAGTCCAGCG GTGCTTCTTG CCCCCTGCCAG TCCACCTCGT CGTTCTCTTT
351 GTGCTGATTG TGGGCGAGCC TTCCGT

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ug227 Length: 322 April 12, 1996 12:01 PM Check: 8974 ..

1 GGAATTCCCG GTCATAGGCT GGGAGGAAGC AACAGCGAAG GTCAGGAACA
51 GAGGCAAAAC ACTTCCACG AATTCCTT TCATCTGCAC AGCAACAGTC
101 TACTAGCATG GAAGTCGAGG CTAGGTGCAT TCTGTTCCAT CTACAGTCCG
151 GTTACCTAGT TACTCCTCT CCCCGCCACA CACACACACA CAGCTGAGAT
201 GCCGCGAGGT AACTGTTTCC TAAGACATAT GGGTGTCAAT TGTGACCTCC
251 AGGCTTGTCC AGGAACACCC TATGTVGGGC TAGACACATG GGGCACTCAC
301 ACTAGCAAAG GGCTGTGAT TT

ug228 Length: 387 April 12, 1996 12:01 PM Check: 9030 ..

1 GGAATTCGAA GGAATTGCCA CATCTCTCAC ACTGTAGGG CTTCCTCCT
51 AAATGAATTA TCTGATGATT TTGAAATACT TCTTCCCA CAAAGATGTT
101 GCCACATTCT TTGCACGTAT AGCATTTTCC CCTTGGTGAG TAAGAGTTGA
151 GAAATGATGA AAACACTGCC AAAATCTGTA TATCTATACT GATAGTTT
201 TAAAAACAAC ATTTACTCCT ATTTGCATTG GTCTGTATTA ATGAGATGCT
251 ATATTCAATT TTCTGTACCT GTATTGAGTG AACTACAATT TAAAAACAG
301 GATAAGTGAA AGTCACGTAG ACTCCTTGA ACAAAGAAGA CAATGGCMAC
351 ATAGACAAG GGAGGGRATA GAATATTAAA TAAATC

ug229 Length: 103 April 26, 1996 3:27 PM Check: 2010 ..

1 GGAATTCCCG GCACAATGGA AAAGGAGATA GAAAGCRCRC ACCTCTGGGG
51 AAGAAGCATA ACCTCTTAAA ACAGACTAAA TVGCAGGGCC ACHCTGTGAA
101 GAT

ug230 Length: 527 April 26, 1996 3:27 PM Check: 2483 ..

1 GGAATTCCAA CTGTATTATA AAATTCAGTG AGCATTGACT GTGTGCCTTC
51 TGTATACAGT TAAGACCAGT TTTGGTGTGG CTGCCATGAC ACCAGAGGGG
101 GTTGTGGCA TTGGTGGGGT GGGTGCTTAG TAATGAGGTC AGAGCGACTG
151 ATAAGGCAAA AGTAAAAGAA GCAAACTAA GTATAGAGAA GGGTAGGCA
201 TTCAAACCCC AGAGGAOCTT GATTTAAGTC CCATTTATA GAGAGTACCA
251 TCTTGAGAGA CCTTGCAAAG GGCTTTGTGC TGCCTTCAA TGTATTGTGT
301 TCTCTGTAC ACTGGATGCC CTCAGCATCC CGTTAACTTG CCAATCATGT
351 CTCTCAGCTA TGCTCATCTC AGCCCGTGA TAGATAGCCT ACCAGCTTTC
401 TTCTGTCTGG AACTTGCCTA CTGAGSTGGA CCAGTCATAC CATCCAGTT
451 CCCACTGACT ACTACTTGCC TCTGCAGTCA CCCATGGTAG TACTTAGCAC
501 AGATCTATCT TTGTAATGTG TTTTAA

ug231 Length: 325 April 26, 1996 3:27 PM Check: 6217 ..

1 GGCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAGT GTCAAGCATG ACAAAGTTGC AGCCGAATAC AGTGATCCGT
101 GCGCCCTGGA CCTGTTGAAC GAGGTGCGCG TAGACGGTCT GACGACCGC
151 AAACCTGGCGG AACGGTTGGG GTTCAGCAGC CGGCCTTTAC TGGCACTTCA
201 GGAACAAGCG GCGCTGCTC GACGCACTGG CGAAGCCAT GCTGGCGGAG
251 AATCATACGC ATTGCTBCCG AGAGCCGACG ACGACTGGGC TCATTTCTGA
301 TCGGGAATCC CGCAGCTTCA GGCAG

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102280.762880

ug232 Length: 431 June 11, 1996 2:20 PM Check: 9676 ..

1 GAATTCCTCCG GCTCGAGCGG CCGCTTTTIT TTTTITTTIT TTTTICAAAT
51 TAATATACAT TATTTTATTA CAAATTATAA AAAAACAAA AAATGCAAC
101 ATCCTAAAAA AAATTTTAC TGGTAATACA AATTCCTATG AAGTTTITTT
151 TTTTGCTAGC ATAAGAAAT TAAAGAAACCA TTAAATATTT AGAAACATT
201 AACATCAAAA GCTTTAAATC TAACTGTAGT TGTAGCCCT GAAAAAGCTA
251 CAAACTCTTC TTAAAAAGTA TTTTCTCTAC AAAGAATCTC ATCAGCTATA
301 CAAAAATCTG TACAGTTTTT ATACTGAVGC TAATGTTGAG CTGCACTTGA
351 ATTTACATT CTAGCAAAA TAAATGCCTG AGCAAATATA CTCCACACTT
401 TAGGACAGCC ACTTATCTTT CATCTCCTC T

ug233 Length: 419 April 26, 1996 3:27 PM Check: 4115 ..

1 GGAATTCCTG GCTCGAGCGC CGCTTTTIT TTTKGGGGG CTACTCCAG
51 CGATGCTCTAT TAGCAGAGAC ATGGGCCAGG GAAGGGTGAT GGATACAGCC
101 AGGGGTGGGA TATCAGCCTC AAAGTGAGA GCTTTGCTCT GAATCTCAGC
151 AGGCAGCCAA AGGACTGAG ACAAGCTCT TCCITTCAG TTGGCATGGC
201 AATCAACTTG GAAATCAGGT TCCCGGGCC TCCITTCCTA ACAAGGATC
251 CAGCTCTCTC CAACTGGGTC TCCACTCAGC CCTGTAGAA AAGTCTGAC
301 AGTATTAAGT TCTACTCTTC CCTAAGACC CAGGAGGTCC TCACCGTGCA
351 TAGATGTGCC ATCTGTCTT GAGAAACCAA AGCACTTTGT AGTCTTACAA
401 CCCATAATAC TTACAGTAT

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ug234 Length: 360 April 26, 1996 3:26 PM Check: 777 ..

1 GGAATTCGCT TGACAACCTG CAGGCAGGCT CTGGGAGGCC GAGACATCGG
51 CGAAGAGAAC AGAGAGTCGG CGGGGACAGA TCTCAAGACC AGAGAATGGC
101 AGGTGAACAG AAACCCCTCA GTAACCTCTT GGAGCAGTTC ATTTTATTAG
151 CCAAAGGTAC CAGTGGCTCA GCCCTCACCA CTCTCATAAG CCAGSTGCTA
201 GAGGCTCCTG GAGTTTATGT TTTTGGAGAA CTGCTGGAGT TGGCCAATGT
251 TCAGGAGCTT GCAGAAGGAG CTAATGCGCG TATTTCAGT HCTGAACCTG
301 TTTGCTATG GTACATRCCC GGATTACATA GCCAACRAGG AGAGCCTGCG
351 AGAACTGAGT

ug235 Length: 337 June 11, 1996 2:20 PM Check: 2601 ..

1 GCGKTAGGCG AGCAGCGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTCTGCTGCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTYGGCCAG TCGTCTGAGC AGCGCCCGCT TGTTCCTGAA
151 GTGCCAGTAA AGCSOCCGCT GCTGAACCCC CAACCGTTTC CCAGTTTGCG
201 TGTHTGTCAGA CCGTCTACCC GACCTCGTTC AACAGSTCCA GGGCGYACGG
251 ATCACTGTAT TGGCTGCAAC TTTGTCTATG TTAGACACTTT ATCACTGATA
301 AACATAATAT GTCCACCAAC TTATCAGTGA TAAAGAA

ug236 Length: 334 June 11, 1996 2:20 PM Check: 1808 ..

1 GCGGTAGGCG AGCAGCGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTCTGCTGCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTCGGCCAG TCGTCTGAGC WCGCCCGCT TGTTCCTGAA
151 GTGCCAGTAA AGCKCOGCT GCTGAACCCC CAACCGTTCK CCAGTTTGCT
201 GTYGTGAGAC CGTCTCGAC CTCGTTCAC AGGTCCAGGK CGCACVGCATC
251 ACTGTATTTC GCHGCAACTT TGTATGCTT GACWCHTTAT CACTGATAAA
301 CATAATATGT CCACCAACTT ATCAGTGATA AAGA

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ug237 Length: 419 April 26, 1996 3:26 PM Check: 7846 ..

1 GGAATTCCCCC GGCTCGAGCG GCGCTTTTTT TTTTTTTTTT TTTAATTATA
51 ATAAATACCC CGCTCCTCCC TCCACCGCT TACGTCTCC CTCTCCCCG
101 AACATCCAC CCATCCTGG CTAGACCCTT ACCCCAGAAC TAAATAAAAT
151 GCCTGTTTTA CAGCAGACCA CACTCACTAC CAAATCTGG GAAAAATATA
201 AATACTGTCA CTGCTGGGC CTCTCTGCC TCTGACTCTG CTCGGAGGC
251 AGCCACATTC CCTCCCTCCC GTTGACTGGG CAAGGATGGC AGAGGCTGT
301 AGGCACTGGC CTTBGAGGT GCAAATTTAG CCTTGGGTTC TCCACCTCCT
351 GCTCAGGAGT AGGTGAGAAG GGGCCAGAA ATTCCTCAG ACTAAAATA
401 ATAGCAAAAT AAATACCCT.

ug238 Length: 141 April 26, 1996 3:26 PM Check: 8931 ..

1 GGAATTCGCA GGTCGCCGCG GAGCCGCGTC CGGAGCCCGG CGCCGAGCVG
51 GCCTGGGGAG GGGAGGCCA CACCCGCBG VCGCCAGGC BCTTCCCGC
101 GGTGAATCAT CCCCAGCA GCSGCTCCG CAGTCCGCTG C

ug239 Length: 150 May 30, 1996 10:48 AM Check: 8405 ..

1 GCGGATTCCT TTATCACTGA TAAGTTGGTG GACATATTAT GTTTATCAGT
51 GATAAAGTGT CARGCATGAC AAAGTTGCVG CCGAATACVG TGATCCSMSC
101 GCCCTGGACC TGTGAACGA GTCGGCGTA GACGGTCTGA CGACACGCAA

ug240 Length: 265 May 30, 1996 10:48 AM Check: 1372 ..

1 GAATACTTTT ATTTAGATTT TATTCATAAA TTAAGTTGAG AGCVMTTATT
51 TGTAASGHVG CTCTATTTCC CTGTCTCTTT CGTACTGGGA GAAATCGTAA
101 ATAGATAGAA ACOGACCTGG ATTVMHMC GG TCTGAAC TCA GATCACGTAG
151 GACTTTAAAM CGTTGAACAA ACGAACCATT AATAGCTTCT MCACCAITGG
201 GRTGTCCTGA TCCMACATCG AGGTCGTAA MCCTAATTGT CGATATGAMC
251 TCTTAAATAG GATTA

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ug241 Length: 362 April 26, 1996 3:26 PM Check: 3805 ..

1 GGAATTCGG AGTCTCCATG CTATGTCCCA GGTGATTCCT CCACAGTAAA
51 ACGGGGAGAC CTCTGGGTG GAGAGTCAGC GCTGGTCACT CTTCAATCAC
101 TTGCAGGGAG CCTCAAGGTT AACAGAGCTG GGCTCTGTG AGCAGCATGG
151 CCTGGAATGG GGTTTGGCAT GGTCAAGGTA AGATGGTCGA GAAGGTGGAT
201 CTAAGGACCC TTCTAGCAT GGGGCAGGAA AATAGAGGTG GCTCCAAC TG
251 GGCTTTGAGG CCTAGAGGG TTAAGTGCGT TCTCACAGGA ACCAAGGCCA
301 AGYCTGGGCC ACAGTTDAGA GACATTCCAC AAACCCGTAT CCAATGAWTC
351 AAGCTATAAG CC

ug242 Length: 392 April 26, 1996 3:26 PM Check: 4428 ..

1 GGAATTCAC KACHAGGGGA CTGTTGGTG GTCCCTCTCT ATCTGAATCT
51 CATACTCAGA CACGCTCCA CTGCTCCCC GATCTGAGTG CCCCTCTCC
101 TGCAAGCGGC TCCGAAGGGC TTGTTGGGG GTTGTCTCCA TCCGAAGATC
151 ACTGCTGACT GGAGGCTGCC GTACCTGAGG GCAGTACGGA GGGGAGATTT
201 CAACAGGATT GGTGAAGAAG CTGCCATCTT TCACCCATHC TGTGAAATC
251 TCCCCCTCTA TCTGAATCTC ATACTCAGAC ACGCTCCAC TGCTCCCCCG
301 ATCTGAGTGC CCTCTTCCT GCAAGCGGCT CCGAAGGGCT TTGTTGGGGG
351 TTGCTCCAT CCGAGGATCA CTGCTGTCCG AACCTCCCC GT

ug243 Length: 382 April 26, 1996 3:26 PM Check: 1339 ..

1 GGAATTCGTG TGCTTTGAGC TTTACTAAAG TTCTTTAGT GAATGTGGCT
51 GCTCTTGAT TTGGAGCATA GATATTCAGA ATTGAGAGTT CCTCTTGGAG
101 GATTTTACCT TTGATGAGAA TGAAGTGTCC CTCCTTGCTT TTTTGTATGA
151 CTTGGGTG GAAGTCAATC TTATCAGATA TTAGGATGGC TACTCCTGCT
201 TGTTTCTTCA TACCATTTC TTGGAAAATT GTTTTCAGC CTTTCATTC
251 GAGGTAGTGT CTATCTTTT CACTGAGATG AGTTYCTGTA AGCAGCAAAA
301 TGTGGGTCT TGTTTGTGTA GCCAGTTTGT TAGTCTATGT CTTTATTATG
351 GCGAGTTGAG ACCATTGATG TTAAGAGATA TA

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102280.2643366

ug244 Length: 258 April 26, 1996 3:27 PM Check: 1629 ..

1 GGAATTCCCC TCCTTGACTT CTCTTTTCCC AGCTGGTTTC GAGGTCTCAG
51 CAGACTTGGC ATTGCCACACA GGCCTCTGGG GCTCAGCAGG TTGTGCTGTG
101 GTTACAGGTT TCAGGGACCC TGAAGGCTGT KCGTTGGCTA TGGGTTTCAG
151 GGTCTCKGCA GGCTTGGTGT TGCCACAGG CTTCAGGGTC TCGGTAGGCT
201 TBGCATTACC TATAGGTTTC BGGGTCTCAG CAGGCTTKGC ATTGCCTACG
251 GTTTCAGG

ug245 Length: 643 April 26, 1996 3:27 PM Check: 7032 ..

1 GGAATTCATT GAGATCGTTC AGGAACTAT GCATTTCCAA GCCATTATAT
51 AGTCTGGGCA AGATAAGTTC TTATTTTCATT TGICTAATAC TCATGTTCAA
101 GGGAGGCCCT GGTTCAGTCT GGGCGCAGGG CTCGCAGATT ACACCTTACA
151 GCCTCTCATG TTCAGATAAC TGGCAACAAA GCAATAAAAA GCCGTCCAAC
201 TTGTCACTGC GTAGCAGCAA AGCCCTTCAT GTGGGCAGGA CAAAGGGCTG
251 GCTCTCATTG GATGATTAGC TCATTCAAGT CACATCTAGG TCACTTCCAC
301 CTTTGTCTGG ATTCCAAGGT TAGCCCTCAT CTAGGTGAGG GGATGGGGCC
351 CCTGTGAAGT CCTCAGAGCT CACCCTGGAG AGTTAAGATG GGCACAATGA
401 GAAACAGGAG AGCAGGGTAT GTTCCTCACC AGAGCCAGTG TTGGCACACT
451 GGCTCAATCT CAAGAGGTTC CCCAANTGAG TCAGATTTAT AGCTGACATC
501 AAGACAGCG TCAGAGACTC TAGTCTGTGA AATCATCACT CTCATTTGAG
551 GGAGACCAGA ACCTAGGGTA CCACCCAGGG AATGTCAATT CGATAGACA
601 CAGGRTCGGT AGCCAGTGTG TGTAGTTAGG CTTCGGACTG TTG

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ug246 Length: 424 April 26, 1996 3:27 PM Check: 8406 ..

1 GGAATTCCTCG AGCGGCCGCT TTGTTGTMTT TTCTTGATA TTAAGTAGTG
51 ACAGTTTCTT GGATGCAAAA CCACAGACGC ATCGCCTCA GTGCAACAGT
101 CCTGCGGGAT GATCGGCCCTT CTCACGGGGG ATGTTGGCTT CCAGGCACAT
151 TTTCACAAAG TCCTGGATAA CACTGGCTTT CTCTGTTTGC GCAGGACTGT
201 TGCACCTGAAG CGATGCGTCT GTGGTTTTCG ATCCAGAAAA CTGTCACTAC
251 TTAATATCAA GGGAAAACCA ACCAACCAC CAAAAACCCG ACTGGAATTT
301 AAGCTGAAGA ACCTTATTCA GAGACAAAAT GGAACGATTT GTTGTAACAG
351 CACCACCTGC TCGAAATCGT TCTAAGACTG CTTTGTAAGT AAMCCCTCTG
401 GATCGAGTCA CTGAATTTGG AGGT

ug247 Length: 309 April 26, 1996 3:27 PM Check: 498 ..

1 GGAATTCAG TGGGATTCCT CAGCTCCATG ATGCAATGGT TATCTTTTGG
51 GTAAGAATA TTCAAGTCT GACATCATAG TAGTAATGGA TATTACTCAT
101 GGTATGCTCT CAAGCCCAGC ATGGCACATT CTGTACCCCT TTTATCACTG
151 AAGTAAGCAA TGGGTTTAAA AATAACGTTG CTTACACACC CAGAGTACCA
201 ATGATTCAATT AACAACTGAA CAAATACTGC TCTGGACTCC AAAATTATTA
251 CAGAATTTTA TATACAGGAT TTTGAGGCAT AGGGTATTTT CCACCCCTAG
301 TAGAAGTAT

ug248 Length: 325 April 26, 1996 3:27 PM Check: 4420 ..

1 GGAATTCGGT TTTTAAGGGA ATTAAAGTCTA TGTTGATAGT ACAGGGGGAA
51 GAGGATATAA AAGTGAATTT ATAGTTTTC CAGACCACAA GGCATTTGTT
101 TGCCTTGGTG GCCACCTAGG TCAAGACCAG GATCTCTCTC CTGGGGAGCC
151 AACAGGAGCC TTCCAAAATT ATCAGGGGAA GAGGTTTTC GTCTCAATC
201 CAGCTTGGGA GAGATTTTGT TACTGACACA TGATCCTTCC CCCACCCAGT
251 AATGAAGTGT TCTGTGTGCT AACAAATATAG GCTTAAAAAA AAAAAAATC
301 BSGCCGCBAA TTTCACCAC ACTGG

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1	GGAAATTCATT	GAACCCCATG	CAATTATAGT	GGGTACTTCA	ATACCCCTCT
51	CTCACCAATG	GATAGGTCAT	TATAACAGAA	ACTAAAGAGA	AAAGCAGTGA
101	AACTAATAGA	TGTTATAAAC	CGAACAAATC	TGATATCAAT	GGAATTTTTC
151	ATGCAAAAC	AAAAGAATAT	GCCTTCTTCT	CGGCACCTCT	CAGAACCTTC
201	TCCAAAAC TG	ATCATATAAG	TCAGCAGGAA	GTACCAACAG	GAAACACCAGG
251	AGTTCTCAGC	TGTGCATATC	TCAGGGAAGT	AAAGATCAGT	GAAGATTCGA
301	AAOCATTGCA	CAGCTAGCTG	TACCAGCAAG	ACTGCACAGC	TAGCTATACC
351	AGCMAGACTA	GCTCTGTCCC	CACCACTCCA	TGGAATCTTA	

ug250 Length: 335 April 26, 1996 3:27 PM Check: 9700 ..

1	GGAATTCAA	GAGGCAACA	TAGAATCAA	CTAAGCAGTG	GGTTCCTTGC
51	AAACAGTTGC	CTTCATATTA	CCTCAGCAGT	TAAACGTTTG	TGTGGAGTAC
101	TAAGTGTTG	GTGGAGTTG	CTTTGTTTGA	TTCTTTTACT	GGAGTGGGCA
151	CCCCACTTTG	TCTCTCTCT	AAAGCCCTAC	TCACTTTGTA	TCACGTGAGC
201	CAGACCAAA	AGGCTGTATG	TTGCAATGTA	TCAAGTGACA	GTTTTAGTTA
251	AACATAAATA	GGCCCATTTGA	ACCGTGCCAA	ACCTGGTCAT	ATAGATCAAG
301	GTCAAGGTAA	AATACCAGGT	TTCTGTAGTA	GGGGG	

ug251 Length: 369 April 26, 1996 3:27 PM Check: 4858 ..

1 GGAATTCCCC GGCTAGAGGG GCGCTCGAG CCGGGTCGAG CGCGCGCTTT

51 TTTTTTTTTT TTTTTCACGG GAACAGACTT TATTAGTTCA CTTGGGTCTT

101 CTCTGCTACG GCAATTGAAG GGTCTCTGCG CACCCCCCTCA TTTTTCCTT

151 TTTTGGCAGC AGCTGCAGCA GCTTTTAAAG CCTTTTTTTG CTTCTTCAGC

201 TTTTGCACTT CCTGGTAAAC CCGAATGCAC AGAGCCTTCT TGGCGACGAA

251 GCVCGGTGA ACCTTTGGT AAATGTCAGA GGGGGGTAA GATATTCCA

301 CCCCTAGCTC CTTCATGTC TTTTCGAAGA CATCATAGTT GGTCTGACGG

351 AGGATTTTGA GCAACTTTT

ug252 Length: 394 April 26, 1996 3:27 PM Check: 7746 ..

1 GGAATTCATT TTATAATTAT GAATCATGAA TATCTGTATT TGCCGATGGT
51 CTCAGGTGAC CCTGTGAAA GGGTCGTCTC ACCCCCAAAG TTCTGTCCAC
101 AGGTTGAAAA CCACTGTGTT GGAGGGTGCT GACTGTAGGG CAACAACCTG
151 AGGACAAAAA AAGCCTTGA ACATGTGTTG TTGCTCTGGG AGCTGTGTGC
201 TAGCTCATAT CTTCGCCAGT CCTCCCACTA AGCTTGGCTG GTTCGGGGTA
251 CCCCCATTTT ATGGGACYCA GGGTAGGGGT GAGGCAGTGA TGGKCCAGT
301 CTGCTGCACT GCCCAAGCAG TGACCGCTCC CTGTATCTGT GCTGACTGTT
351 AAGAGTGAAG KKCTTCAGAA AGTAGTACTG CCACAGCCAC CAGA

ug253 Length: 536 April 26, 1996 3:27 PM Check: 1094 ..

1 GGAATTCGGG CTCGAGCGGC CGCTTTTTTT TTTTTTTTTT TTAGTTGCAA
51 GCAGATCACA AATCCTCTTA GATGTAAGGA AAGTGGGTGT TCTGGAGAGG
101 ACTCAGATCC TGAATATGAG GAAGTGAGAA TGGCTTTTAG CCATTTTTGG
151 AAAGTACAGT CTGTAATAGT TTACCTTCTG GCCCAGAGAA TTCACATTCT
201 TCTGCCTGAA CAATGCAGTT AATTTTTTTC TTCTACAAAC CCCTATGGTA
251 TCAGCTGGAT GTCAGGGTTT TACCAATTAA ACCTGATCCA GTCACAGAAA
301 TGGTTGTTTA TTGCAGATGA TACTCCTCAT ATGAAAGAAA ACCTATGAAA
351 CAAAACAAGT TAGCAGCTGC CCATATATTC TACATATATT GAGAGAAGTA
401 TAAGACAGTG TATTAAACAT GAGAAAAATG GAAGGCACAC AGCAGACACT
451 GTTCTATACA GTTTCAAATTG AAGTCCAGG TATATGTGA CAGCTGGGTC
501 AACTCCTACT CTCTGCAGTA TYCTCCAACA AWCCCC

ug254 Length: 244 April 26, 1996 3:27 PM Check: 4508 ..

1 GGAATTCCAA GAATGTACGC CAGAGGAACG CCACCTGAGT GGTGGGGCAG
51 GCGGGGGAGG GGAGGTGCCC AGGGTGCCTG ACCCCAGGCC AGCTCTACCT
101 CCACTCCAGT ATCCATCCT GTCCCGATTT GAACCTACCC AACCCAACTT
151 ATCCCAACCC AAGTGAAGAC AGAGCCTTAC CTTACAGAAA ACCCACTGG
201 AAGAAGCAAR CCACTTCAGC CCTGTTTCT AATTAAACT AAAT

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ug255 Length: 331 April 26, 1996 3:27 PM Check: 5997 ..

1 GGAATTCGTG AAGGTATGTG ACAAAGTTTA CCTGACTAAA GCAGCTATCA
51 GCCTACAAGT TCCCTGCTTC CCCAGTCAAT TTGGTGACTT TCATTCTTAG
101 TGCTTCGACC CTTTTCCTAC AGCAAGCACA CAACACTGCA GTTCTTTACC
151 CTGCAATCCT ATGTATTTCG TTCAATTTT GTTCTCCACA TCCTCAACTA
201 TGCATTATTG GGACAGCAAA AAAAAAAAAAG AAAAAGATTG TTTCTCTTAA
251 GGGAGAAGTA AGTCACCTAG CCTTCACTAT AGACCACCTG GGCACAGTGC
301 ACAAGAAACG CCGAGCTCAT CCTTTTCTG T

ug256 Length: 308 April 26, 1996 3:27 PM Check: 4767 ..

1 GGAATTCGTG AAGAGTACTG CCTTGTCTT TGGCGTGTGC ATCGGTCTTG
51 CTCTACCCG CAGCTGCGC TCTACTGCCT GCTCCAGTCC ACTCCTGACC
101 GACAGCATCA TGGCTACGAG AGGCACTGTG ACTGACTTCC CTGGATTTGA
151 TGGCAGGGCT GATGCAGAAG TCCTTCGGAA GGCCATGAAA GGCTTGGGTA
201 CCGATGAGGA CAGCATCTCG AACCTGTTGA CATCCCGAAG CAATGCTCAG
251 CECAGGAAC TTGCTCAGGA GTTTAAGAAC TCTGTTTTGG CAGGGACCTT
301 GTGGATGA

ug257 Length: 491 May 30, 1996 10:48 AM Check: 6457 ..

1 GAATTCOCGG CTCGAGGGC CGCTTTTTTT TTTTTTTTAA CAAACCCCTG
51 TGTCGAGGGC TGACTTTCAG TAGATCGCAG CGAGGGAGCT GCTCTGCTAC
101 GTACGAAACC CCGACCCAGA AGCAGGTGCT CTACGAATTG GTTAGCGCCA
151 GGTTCACAC GAACTGCGT TCAACGTGAC AGGCGAGAGG GCBGCTCTT
201 CATAATTTTC AATCTGTTC ACTTGTCTTT OCCATCTGTC TACCATGTAC
251 TTGTACATGT AGTCATGGCT TAGGTGTGGC TTGTGACAGG TGGGCTCTG
301 GGTTCOCAT GCTCAAGGCA AGGGAACTG TCTTACTTAA CAGTGTGTGT
351 CTAACAAAAAT CTGGCTTTTT TGAGAGTGCA GTATTAAAA AACAAACTG
401 TACTATCAAT TTCTATAAAG TTGTTCGAGA ATTATATATG GTCCCAAAAT
451 TCCTTTCTGA CTGAAGTCTG CAGTAAADCG AATTCACCA C

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ug258 Length: 465 May 30, 1996 10:48 AM Check: 1654 ..

1 GAATTCCGGC TCGAGCGGCC GCTTTTTTTT TTTTTTTTTT GATTAGCTCT
51 GGATAATTTT TTATGGGGAG GGGAAAAAGG CATTTGATAT CCTGCCTTTC
101 CTACAGCACT CAGATTAAAA CACAGGCTTA AATTAATTCT GATTGCTTCC
151 TTTTCCTTGT TCCTTCCTGC AGAGGCTGAT GGGACAGTGT CCAGGGCTGG
201 AGAGCCACGT GTTCTGTAGA TGATAAATAA CTATGAACAT TTGGTGCTGA
251 ATTTTTTACA CTGTCTCTTT GTGGTGCTAT TGTCCGAGA CCCTTAGGTG
301 GSCCTAGGGT GCCTGCCATG CCTCATTCOC TOGAATTCCA CCACACTGGC
351 GGCCGCTCGA GCATGCATCT AGAGGGCCCA ATTGCGCCTA TAGTGAGTCG
401 TATTACAATT CACTGGCCGT CGTTTTACAA CGTCGTGACT GGAACACCC
451 TGGCGTTACC CAACT

ug259 Length: 413 May 30, 1996 10:48 AM Check: 2437 ..

1 GAATTCCCGG CTCGAGCGAC CGCTTTTTTT TTTTTTTTTT TTTTTTATGA
51 AATGAGTTCA TATTCAAGTG TGAATATGTA GTCAAGTACA TAGTTGAACA
101 TGAGTAGCCT CATATCATAA AAGTAGTCTT CTATCATICA TATACAGTAT
151 ATATCATTTT TATACACTCC TTTGCTCTAT ACTGTGCCTT GGAGATCTTA
201 AGTCATGTTA TCATCTTAAA GTGTGTCAGG GTAGTTACCT ACCTCAGGCA
251 TTCAGGTAT TTCTAGTTTT CAGCACTTWC AAATACOTTT AGTKAGTATC
301 TTGTGTGTA CTTTTTCATA TGCTGTGTAA CAGTTCTTA AGCAGGACTG
351 CAAAAATGTA AATTEKCTGT TTTCAGCTTA GGCATCTAA CAGATACACT
401 TTCCTTCAAA AGC

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ug260 Length: 436 May 30, 1996 10:48 AM Check: 4256 ..

1 GAATTCCTCA GACCTGGAGC AGGCGGGGCC TCAGACTTCT GGAGAAGAAG
51 AGCTGCAGCT GCAGCTGGCC TTGGCCATGA GTCGCGAAGA GGCTGAAAGG
101 CCAGTCCCCC CAGCCTCCCA CAGGGATGAG GACCTGCAGC TGCAGCTGGC
151 TCTGAGCCTG AGCGGGCAAG AGCATGAGAA GGGGGTGAGA TCCTGGAAGG
201 GAGATGACTC TCCAGTGGCC AACGGCGCAG AACCTGCTGG CCAACGTCGT
251 CAACGGGACA GGGAGCCTGA GAGAGAAGAG AGAAAGGAGG AGGAGAAGCT
301 GAAAACTAGT CAGTCCCTCA TCCTGGACTT GCTGACATCT TCGCACCTDC
351 CCGGGCCCTG CCTTCCACCA CTGCTCTGCT GACCCATGGG ACATCCCAGG
401 TCTCAGGCGG AACACAGAGC CAAGTTVGCT CCTCTT

ug261 Length: 484 May 30, 1996 10:48 AM Check: 3929 ..

1 GAATTCCTTT TTTTCTTTT TTTTCTTTTG AGGTGCTGAG TCACACTGTT
51 AACTGCTTTA TTGAGATTCA GGGAGATCCT TCCCCAAGA GACACCACAG
101 TGTGAAAGGG ACGCTGCCTC CCGCCCGGTC AGTCCATCTG TCCATGCCCT
151 CATTTGATCA AATGTGCACC CACTATCCAC TGGAAACAGC CTCACAACCTG
201 TCCCCATTTC TTTTCCCTT AGTCTGAAA AATAATAATA ATAATGACAA
251 CAAAGAAAAG AAAACCAAGA TGCAGTAGTT CTGAGAGATG ATTGTACAGA
301 CCCAAAGTGG GACGCATGAG AATAGAGGGA ACACTTGAGA GTAAACCTAA
351 GGCCAAGGAG AGGGTATGCA TGGCTCAGAA AACACGTACT GGGGAAGAGC
401 CTGCTTAATC ATGTGCATGT TGGGTGCACA TGCCCTGCT GAAAGAAGAC
451 AGGACATCAG CTAGGCAGAC AACTGTATCC CATA

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ug262 Length: 577 May 30, 1996 10:48 AM Check: 8408 ..

1 GAATTCCACA CCTGTAAAGG ATGGTATAAC CTCTGCCTTA AACAAGTTCA
51 AGAAAAGGAG GGGCAAAAAG AGCGCTTGTA TGCAGCTTTA ATTATCTGGT
101 CCCCCTCACC CCTGCGCTTT TGCTGTGCTC TTAGCCCCAG GCCAAAGGCT
151 AAGACTGGAA CTAAATTTCG ATRACTCACC TCCCACATAG GTGTCCTTGT
201 CCACTCCTCT TAGCCTTCGT GTATCOGGAG CAGATTTTAT AGCTGTGCAG
251 TCTTACTCCA TTGCTACCTA AGGGAAAATC TGTTAGGTTA AAAAATTATT
301 TCTGTCCCAT GGCTGGATTT TCAAAACCAA CTGTGGAAT AGGCTAATGA
351 GACTGGTAAA GCCAACCAGA ACACCCACAC GCTATTCCCA AATCAAATGC
401 GTTGTAATTT GGGCGAATCT TGTATTGTGA GCTGTCTGGT AATGTGAGGT
451 CAGATTTTWA GCATTCATC ATCATGAAAT TGCACGTGCA CTTTCCATAG
501 CAGCCGAGAG AATGATAGTG AGGTTAAGGA GCCATAACCG TAGAAAATGA
551 AGGTGCTCMA GGCATGAAT GTTCTGA

ug263 Length: 492 May 30, 1996 10:48 AM Check: 407 ..

1 GAATTGCGAG ATGGGCCAAG AGCTTCAAGG AGAAATAGTT GTAATRAATTG
51 CAGATCAGTA TGGAAATCAG ATTTTCATCAT TTTCACCTGA TTCCTTATCT
101 ACTTTGTGGA TTA CTGAGAGA TGGCCTTGAC AGCTCAAAC TGAATACAC
151 CTTGGAGGCC AACTCACAGA GCGTAAGTGT GCAAGGCATC AGGTTTACTC
201 CAGGGCCTOC TGGACCCAAG GATCTGTGTT TTA CTGCGG AGAGTTTCT
251 GACTTTCTGC GCGTGCAACT GGTTCCTGGA CCTCCAACCA AGCTGCTGCT
301 TATGGACTGG CCAGAGCTGA AAGAGTOCAT TCCTGTGATT AATGGAAGAC
351 AATTAGAGAA CCCTCTCATT GTTCAACTTT GTGATCAGTG GGATAATCTT
401 GCTTTAGTCC CAAACGTTAA AATATGTCTC ATAAAAGCAA GCAGCTTAAG
451 GCTACTACTH TCAAACGAGC AGCATAAAC SGATTCACAC AC

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ug264 Length: 611 May 30, 1996 10:48 AM Check: 1532 ..

1 GAATTCGAAC TCTACAGGAC AACCCATTTC CTGAGAGGGT AGGCCAGATG
51 GCTCTGGGTG ACTGAGAATG TCATTCTCTG AATGGGGGAC AGAACGGAGA
101 GGGGGTGGGA TTGTGTGGACA CATTCACATA TAAGCATATG CACCCAGCA
151 ACAAGGCTCC TAATAGCCTC TCCAGGAAGG AGACACCGAC CCTAGATTTC
201 CTGGAGTGTG TAAACAGCCC ACCCCTAGAG CCCTCATCCA GTCCATTCTT
251 CCAGCTCGCA AGACCCGGCT TCCAACGTGA AGTCACCAGG GGTAGAAAG
301 TCCCTCCTGA TATTCACATG ACAGATTCTT TTTGAACTG GGCCTGGAG
351 TCCCGGTGG GTCCCTGGTA CTGTTTCAGG AGGGGATTC CCTCTCTGT
401 GCGAGGGGC AGTGGATTCA GAGACACCTC GTTCTTCACC TGGATCAATT
451 CGGCTCTGA GCTCGGCATC TTGGTTGAT CCACGTAAC CTGAAGCAGT
501 CCAGCCCCAA AAGCATCACC TTCCACGTTG AGGACAGTAC AGGACCTGT
551 CACTAGCCAG TCCACGCCAA GATCAAGGAG ATGTCTTCA CAGGCGAGG
601 TGAATTSTTT C

ug265 Length: 484 May 30, 1996 10:48 AM Check: 5041 ..

1 GAATTCCTCC AGTCGGTTAG CCGAAAAAC GGGTGCTTCT TGACATCCTC
51 TGCATCCTTC TCACCAGCTC CCAGGCGCG CTCAGGATTT CTCCTTAGCA
101 GCCTTCTCAT TATGGAATG GCTTCTGTAG ATAAGAACCT TGGATACCTT
151 ACTTCGTGAT TTACAATACT GTCAAAAACC TCTTCTTCAT CATCACCAGG
201 AAAGGGAGAC TCGCCGACGA GCATCTCATA TATGAGTACA CCAAGGCCCC
251 ACCAATCTAC AGCCCTTGTG TACGATGTT CTGTTAGGAC TTCTGGGGGC
301 AAGAACTCA GGGAGTACCA CAAAATGTGC TTGTCTATC TCCATACCCC
351 ATTCTTCTT TGCAAGAAC AAAGGTCAGG CAATTTTCAC AAAGCCTTCT
401 GTATCTAGCA ACAAGTTTAT CCAACTTCAA ATCTCTATAA ACAATTTTGT
451 GTTCATGTAA GTATTGCAAC CCAAGAACTA CACA

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ug266 Length: 460 May 30, 1996 10:48 AM Check: 2664 ..

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1 GAATTCAACC CGGCTCGAGC GCCGCTTTT TTTT TTTT CTAAGGACCT
51 TAGAAAAATA AAAAAAAAAAT TCTGAGTGCC ATCTTTATCA TCTCTTCATG
101 TGTGTGTATG AGTGTGTGTG AGTGTGTGTA TGTGTGTGTA GTGTGTGTAT
151 TGCATGTGTG TGTGTGTGTG GTATGTGTGT TGTATTGTAT ATATACCAGA
201 CCATGAGGTA ATAGGAGAAT AACTATTCT CGCCAAGATT TTTATCTTGT
251 CTAATCAAAGT CATGTTCTG GCTAGAACAC CTTCTTGTA ATCATTTTAA
301 ATGTAGTCAT TTAAATGAAT AATCCAAACA GAAGTCCTAT TAGATCCATG
351 TTTCTGTAA ATGATTGCTA AGCCCTAACC TTTTATTCC CTTCAGGAAA
401 SCATCAAAG CATGTTATC ATTCACTCTA GAAGCCCGA TTATCGTTTT
451 AAAGTCATCA
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ug267 Length: 213 May 30, 1996 10:48 AM Check: 9152 ..

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1 GAATTCCTGG TAAGGGCAAG TCATACATGG AACTGGGTC TTCACGGCAT
51 GCTTAGAAAC ACTGCGTGT GGAGCTTGT TCGTGTTKA AGGAATCTA
101 ACGCACTAAC ACATAATGAC TCTAGCCYTA KGATGCACAG GCAAAAAGGA
151 GGCCTAAGGA CTCACCTACA CACTGCAATA AAAGCTTKCT CCACTTGTTT
201 TCCAGGAATC GCC
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ug268 Length: 207 May 30, 1996 10:48 AM Check: 5586 ..

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1 CGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAGTG TCAAGCATGA CAAAGTTGCA GCCGAATACA GTGATCCGCT
101 CYGCCCTGGA CCTGTTGAAC GAGGTGCGCG TAGACGGTCT GACGACHCG
151 AAAGTGGCGG AACGGTTGGG GGTTCAGCHG CCGCGCTTT ACTGGCACTT
201 CWGGTAC
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ug269 Length: 285 May 30, 1996 10:48 AM Check: 4734 ..

1 GAATTGCTCA AGTTGGTCTT GAACTCCTGA GTTCAAACAA CCTGCTGTG
51 GAATCCACGG TAGCTAGACC TACAGATGGC ATCACCAAGG TCAGCTTGAA
101 CACACAGTTA AAAATCATT ACCCCAAACT GACCATAATG TATCAAAGAT
151 GGGTAGGAAT TTAATAGCCT GTCTTTATGT TTAAAAGGTC AACCAAGTAA
201 CAATAATCAA GATATCTGAA GAAGTCTGCC AAGAGAGCTG GTGCTTCTCG
251 TAAGCTCACA GGAAGACGAG GAGCTTCAAC CCAA

ug270 Length: 457 May 30, 1996 10:48 AM Check: 7187 ..

1 GAATTGCTTA TTTCTTAAAA TAAAAAGAAC ATCTAAGGAC TGAGTCCTAT
51 ATGCACCTTA GAGCATTTCT ACAGCATGCG ATTCTAAGAG TAACCCACC
101 CAATATGGCA AACAAACAAA TTGTTTAAAA TTAACTTAG AAAGCTGAG
151 ATCATTATTT TCAAAACATT GATTGTGACA TTGTTTCATA CACAAATAAC
201 CAACTGACTA TCCAAGCACA GGACAGGGCA CCTCTCTGGA GAAAAAAAT
251 CTCTGACAGC AGGGGAGGA CGGCTAGTGT CACATGACTA CAAACGTCCC
301 TCCAACTTCA CAGGAAACCC AAGGAAAGAA CAGAAAGTGG ACAGTGAGGG
351 GACAGGAGGG ACAGGAGGGA GGGAAAVCAG CTYGGGAGTA AGTCMSCTGC
401 CTGAGCAAGG GAAGGAAGGA CTCAGACCAA GCATTCGTGG SCHATCCTAA
451 CATGTGC

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ug271 Length: 418 May 30, 1996 10:48 AM Check: 8243 ..

1 GAATTCGTCC TCTCTGGAG GTCTGCTCCT TTTTGAAGAG GAAACGGGTG
51 AGAGGGTGTT CAATAATGGA GAAAGAGGA TAGGTGAAGT GGGGGGCATG
101 GGCATAGCT AGGAAGACTG TAGGGAGGAA AAACAATGCT CAGGATATAT
151 TGTATGAGAG AGAACCGAGG CAGTGGTGGG GGTGAGGTA GTACAAATTA
201 CGGAAAGAGC CAGCGACGTG GTGGTCATCA GAATAACTAC AAGCCATACT
251 GAGAGGCAGC AGGAGCGCCC GAGTGACGAC CGCACACGCT TTGTTTGGAC
301 GCGGGAATTC CACCACACTG GCGGCCGCTC GAGCATGCAT CTAGAGGGCC
351 CAATTCGCCC TATAGTGAGT CGTATTACAA TTCACTGVCC GWCCTTTTAC
401 AACGTCGTGA CTGGGAAA

ug272 Length: 450 May 30, 1996 10:49 AM Check: 7913 ..

1	GAATTCCTTA	TTTTCAGATG	ACAGTTTTC	TCCTTTTCGA	TCACTGCTAC
51	TGCGGTGTTT	TTTAGTAGGC	AAAGTAAGTG	AATTTAAGAT	ACGATTCTTT
101	ACAAGTTTGC	TGGAGCCAAA	AAAGGGAAAT	GAATTTTAT	CTTTTATGGG
151	TCCAGGTCGG	TCATAAAATG	CTGGCTCAGC	ATCTTCATTG	ATGTCAAGGA
201	AAAATGTGCT	GGTGGAGGTG	CTGCCGAAGC	GGTCGTCTC	CAGCATGAAC
251	ATGCTTGATG	GTGCAGACTC	ACTCTCACTG	TTATGTCTAG	AGCTGGTCGA
301	CTCAGAGTTC	AAGCTGAGGG	TGCTTGGGAC	AGATGAGAGC	TCATTGCAGA
351	GCTGCTCCAC	ATCATCTGGA	ACCACTGGCC	ATAGAHCHTH	CACGTGTSCTT
401	ACAGAATCCC	AGCTGTGACA	TTTCAAATA	TCACAGCCTT	ACCTTGGTTT

ug273 Length: 555 May 30, 1996 10:49 AM Check: 3043 ..

1 GAATTCCTACT ACTCTGCCAA TTA AAAAAGA TTGTTTTTG CAAAAGTTAT
51 GTTTGGAGAA AAATAAAAAA GCTTATGGTC CTGTGATTAA GC AAAATAAG
101 GTAGGCTCAG AAAGATGGGT GCTGTTTTCT CAGATATATG AATCCACAC
151 TTAATAGTAT AAGATTTTAA GACGCAGAAG GTACTATTCA TTTAGAAAAG
201 GGAAAGTAAC CTGTGGGGGC CAGTACAGAG GAAGAAATGA GGATGAACAA
251 GCTTGAATTC CGAAATAAAG CTGTGTGTGA ATGTCACAAA GGTCTATCA
301 TACTGACCAA TGAGTGTATG CTAATCAAAG TAAGATTGCT TAAATGGTT
351 TGAGAAATCA TTGTTGAAAT GTTAATCAAT CTCATCTGAA GCTCCGCTA
401 GATTTTTATT TTTTATAGAA CTTTATAAA CTCTTCCACC TCAAGTYCCA
451 AATGGGAAAG ATTTACTCCT CCTTCATAA GTTYCCCAAG ATGAGATAAG
501 AGCYATRCAA WGGTTTGT TT GGGAAATTGA GGCATGGACA TCACTACATG
551 GGCTT

ug274 Length: 172 May 30, 1996 10:49 AM Check: 3267 ..

1 GAATTCGCGC AGAGGAATC TGGTATCGAT GTTACAAGAA GAGACCCCAT
51 GATCATCARA GACAGACARA GCCCAGCTGG TTCCAGACTG GCTTACAGGK
101 AAAATCCAGC TGCTGCTTGG GCCCCTGATG GTGACCCAGC TAGAGGGGAT
151 GATTCAGGGT AWCAGCCTTC CC

ug275 Length: 355 May 30, 1996 10:49 AM Check: 5892 ..

1 GAATTCCTGA AATTTAAGA AAAAATTAT TGAAGATCTG AAAACAAT
51 CCTACAAGAT TGACTTTTCC ATAAAACTGC AGCTACACGA TGCATTGCT
101 CTATCATGTT AAAACGTGCA TTAGACACAA ATACAAAACC CATGAAAAACA
151 AGCCACCATT CTTTAACAGT TGAGCAAAGA TAAGATGCCT AAGGAATGAC
201 ATGGATGACT TGCAAAGGAT GGGCTCTTTA AGCACCATT AAAAAAAAAA
251 WAAGAGCACA GATGGATGAG TGTTCAGTTA TATACACTGA AGTGAACCTT
301 TGGCACTAGG AATCAGAGCA WTTGTCATAA GAAGCATTTA ACACATATTA
351 TAAAA

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ug276 Length: 425 May 30, 1996 10:49 AM Check: 617 ..

1 GAATTCAAAA ACCTTTAATG AGTAAAAGAC AGTGTAGGGT TTGTGCCCAT
51 TGTCCATGTG TTGCTCCTAT TGTCAACCCCT CCTATCAGAA GGTATTTTGT
101 ATGCGGGCGV GCAACCAGGAC TAGGATTTC CCAATCTTCC TCTGCCAGTT
151 GGTGATATCC TTGGACACAG CACACCACAG CTCTCCATGT CGGGGCTCTG
201 CATCTCACA GCGTTTCTC ACCTCCTCCT GTTGTCTCTC AGTCCCATG
251 TGCAGTTCAA ATTTGTAGAA GAAGGCCAG GCATCCCCC AGATCTGAGT
301 CAATCTTAC AGTGCATGG AACCACTCC GAVCCYTG GTATCTTCTT
351 TCACTCCAGA ACAACTTAGC CACAGCTAAA AGCAGATGVG GTCATGTTCA
401 CACTTCTTCA GGGCATCCAC ACTCT

ug277 Length: 251 May 30, 1996 10:47 AM Check: 1856 ..

1 GAATTCATGG CGCATCCCG ACCCTGGCG CCGGCGCCG CGGCGCGTA
51 CAGCAGCGCC CCGGGGAGG CGCCCCCGTC CGCCGCCGCC GCCGCGCGG
101 CCGCCGCTGC TGCCGCCGCC GCCGCGGCTG CCGCGTCTGT CGTGGGAGG
151 GCCCGGCGG GCGGGGCCS CVKGTGCCA GCGCGCCAAG CAAGTGCAGT
201 CCTGCTCGG CGGCGGCACA GAGCTCGTCG GGGGCCCCG GCGTGCCTT
251 A

ug278 Length: 320 May 30, 1996 10:47 AM Check: 2959 ..

1 GAATTCGTTT CTGAAAAATA GCTACAGTGT ACTTACATAT AATACATAA
51 TCTTTAAGAA AAAAAAAAAA AAAGGGGAGA TTTAAAAGTA AAGGCGTGA
101 TGTCTGTTC ACTAACTAAA TTTATAGAAA GCTTCACAGT ACAAAGCAG
151 CAACTGACTT AAGACTTGA CCTAAGGCTG GAGAGATTG TCAGAGTTA
201 AGAACACTGA CTGCTCTTCT GCAGGTCCCA AGTTCAATTG CCAGACAAC
251 ACATAGGTGG CTCACAACCA TCTGTAAACA AGACCTGATG CCTCTTCTG
301 GTGAACAGAA GAAGGCTACA

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ug279 Length: 374 May 30, 1996 10:47 AM Check: 4320 ..

1 GAATTCCGGG GCACCTCTG CTGAACAGTA GGGGACGGGC CAGGTGGCAG
51 AGTGGCCAGA TTGGGGGGTG AGGCCGTGGA GGAAGGGGTC CCAGCTCCAG
101 CCCCCGGCCC AGGACTCACC AGGCTTTTACC ACACTCTGAC ACTGCTCACA
151 CCTGGGAGTT GCTTCTGAGA AGATCTTCTC TTTCATCCAG CCCATCGTGT
201 ATTCTTTTCT GCAGGAGGTG TTGACACAGT GTGATGTGTA GAAAGGTGCCG
251 TGGGCTCCA CCAGTCTCTG GGGCTCCAGC CCGCCACTC GTTCCAGCGT
301 GTCTATGTTT TGGGTGTAGC AGCGCAGCAG CTAGCCCTTT HTCTTTCAGC
351 AGGCCGGATG AAGTAATTGG CAGA

ug280 Length: 208 May 30, 1996 10:47 AM Check: 9974 ..

1 GAATTCACCTT ACACTGTCTA TTCCCTGAAC GACCAGCCGG GGTCCACCT
51 GGGCTTCGAG GCTGCCATTA TGCTTGCCAC AAGTGACAGC CTTCCTGGC
101 TACCCAAGGG CACCCACCGA GCACCTCAG GTTCAGCTGT GCTCACACAR
151 GGGTGAATGA GCACCCAGG GSAVCCACTT TTGGGTCTCA CCACTBCGAT
201 TCCACCA

ug281 Length: 396 May 30, 1996 10:47 AM Check: 6221 ..

1 GAATTCGGCA GACAAACAGT GACCAGAACC AGTGCCCTAA GSAACAAC
51 CTCTACAAAC CACTGAAGCC ACTTGAAACT CTCGGACGAA TGTGCTGGGT
101 TTCCACAAAC AGCGACACTT CCCAGAGAGC TACTGACAAG GAGCCCTCAG
151 GACACTGATG TGCATCCTTG GACTTGCTCA CTCAGGCCCC TGAGTCAGAG
201 CCTGCCATAA TATCCATCCC TAGGCCTGCT AACACACTTC CAGGATAACA
251 GGGAGGAAAT GACATTACA CGTTACCTTT TGTGATCTGC HGCCACCAVC
301 TGTGTGTTTG GAGGACTCTA CAMCAHHTT CTTTVCCAG AGATTGGGA
351 AGATCCCACT AACTTCTGTG TAGCAAAGCG GGGGCTGGTC CTGGTT

ug282 Length: 585 May 30, 1996 10:47 AM Check: 9273 ..

1 GAATTCCTGA ACAGAGGTTT TCAGAACATA TAAAAGATGA AAAGAACAGG
51 GAATTTCAAC AGAGGTTTCT TCTCAAGAGA GATGATGCCA GTATGGACCG
101 AGATGATAAC CAGGTGAAGA ATGGAAGAGG GTGGGCCTAT AAAGAGAGAA
151 ACTGGGAAGG GAGAAGGATT TGGGGGAATG GAAAAAATTG AAAATATCTT
201 AAAATGGAAA ACTACACAGC GCTGTCTCC TGAGTTGTGT GGGCTTCCCA
251 CTGAGGACTG GCTACAGTTG CCGTGCTCAA GGCCCCAGAG AGACAGGGTG
301 CTGAGGTCTC ATTTGGCCCA CAGCTCTTTA GTTTGGCCTC TAACTTGTA
351 CTACGTTTCA TTTTGGACAA ACAAGGTTTC TCCTGTGTGC AGCCTTGATG
401 TAGCTGACTT CAGTGTATC TCTTGTCTCA ACCCTCCCT GTCTTGCAGA
451 ATTTACACTG GGAGCTACCA AAATAACCA AAGTTACTTT ATCCCATTTT
501 CACTCTCTTA GCCAAGGGCT GGCTTAAAH GCAAGTTAT GGTCTAATTT
551 AACCAGTTAC AGAGGTGTGT CTTTGATCCC CTTT

ug283 Length: 389 May 30, 1996 10:47 AM Check: 5353 ..

1 GCGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAGTG TCAAGCATGA CAAAGTTGCA GCGAATACA GTGATCCGTG
101 CCGCCCTGGA CCTGTGTAAC GAGGTGCGG TAGACGGTCT GACGACACGC
151 AAATGGCGG AACGGTTGGG GGTTCAGCAG CCGCGCTTT ACTGGCACTT
201 CAGGAACAAG CGGGCGCTGC TOGACGCACT GGCGAAGCC ATGCTGGCGG
251 AGAATCATAC GCATTGGGTG CGAGAGCCG ACGACGACTG GCGCTCATTT
301 CTGATCGGGA ATGCCCGCAG CTTCAGGCAG SCTGCTCGCC TACMGCCAGC
351 ACACTGGCGG HHCHCGAGCA TGCACTAGA GGGCCCAAT

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ug284 Length: 375 May 30, 1996 10:47 AM Check: 64 ..

1 GAATTCCTTG CACTATGCGG CTGCTCGKKK CCACGCCACA TGGCTGAATG
51 AATTGCTCCA GATTGCCCTT TCTGAAGAAG ACTGCTGTCT CAAAGACAAC
101 CAGGGATACA CGCCACTGCA CTGGGCGTGT TACAATGGTA ATGAAAAC TG
151 CATAGAGGTA CTTTGGGAGC AAAAAATGTT TCGAAAATTT ATTGGTAATC
201 CCTTCACTCC ACTGCACTGT GCAATAATAA ATGGTCAOGA GAGCTGTGCA
251 TCATTGCTCC TGGKGGCCAT AGATCCCAGC ATTGTGAGCT GCAGGGATGA
301 CAAAGGCAGG ACAACCCCTC ACTKGGCAGC CTTTGGAGAT CATGCGGAGT
351 GCTTGCAGCT GCTTCTGAGA CATGA

ug285 Length: 532 May 30, 1996 10:47 AM Check: 9563 ..

1 GAATTCGGAA AATGAAAGAG CCTTCTGTGC TTCAACATAT TTTTGTTTGA
51 GCTTGATGTC TGCCAACCAA GTACTCATAG TAGTATCAGT ATCACTGTTA
101 GTATCCACAT CAGTATCTTA ATTCCATGAC TTTTCACTCC ACCCAACTAT
151 GGCTCTCGA TTTTCTTGT TAAGCTTCT GAATTTCTTT CCAGTCTGAA
201 ATGCTAATGA TGCCCTCAGA CTCTTCCCT CTTGCCACAT CTCCTCTTTT
251 TTTGAAC TGTCTTCAATA CCCATCATAC TTTGCTAATT
301 GCTACTTCTG TGTCTTAATC ATAACATTCT TCTTCAGTCT TTAACAAGA
351 TCTGTCCCAG AGTCTAAAT TAGCCATTTT CACTCTCTGT GTGTCCATT
401 TGGGCTTTGA ATTAAGTTT TGAGTTCAGT GGCTTTTCATG AGGGGGAGGG
451 TCACAGAATA AAGTTTCCAG TGTGTGCTC TTGAAAGGAG ATCTCCATA
501 TTCAAATACM CTCTCCCTA AATATTCTGT TA

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ug286 Length: 314 May 30, 1996 10:48 AM Check: 3305 ..

1 GAATTCACGG ATTTAACAGG AATAGAATGG CACAAGGTTT AATCACCAGG
51 GAAATAAAGC AATCACAACT GCGGCTCGGG CGCTGCGGCC CTGCTCACAC
101 CGACAGAACT GCGGCTACAC AGAGATTGGA AAACCGCTAC ACGCGCCTGC
151 CCCTACCTGC GCCCACGGCC ATGCGCCCCC ACCTGAACATA AGGCAGAGGC
201 AAGCATCCCG GAGACTTCAC CCCACAACCT TCTGAGTCTT AGTCTCTCVTT
251 CTGTGTACTG TGACAATGTA TGAATCAACT CTCTCAATT CACTTGAGTC
301 CAAGTCGTAA CTGA

ug287 Length: 342 May 30, 1996 10:48 AM Check: 9384 ..

1 GAATTCGCGC ACTGACAGGC CACTGTRCAC GTGTGGAGGT CAGAGGTCAA
51 TGATAGAARC CCTCTCCTTC ACCACATAGG TCCTGGAGGT TAAACTCAGG
101 TTGTTAGACT TGGCAACAAG CCCTTTGTCC TGCTGARCCA TCTCACTGCM
151 CCRCACCCCT TTWCTGAGAG AGGCTCTTCA CTATCTAAC CTAGGTTACC
201 CTGGAACCTA TGATGCACCC AGGTCTAGT GTTCACAACT GGGAGGAAAA
251 CCTCAAATTA GGGTTATGTG AACTGTAACA TAAATTTGTA ATTTTAACTA
301 CTCTTTTTTC TTACTGGGTT TTGATATAAA DCCTCACTTT GT

ug288 Length: 412 May 30, 1996 10:48 AM Check: 9199 ..

1 GAATTCGCCC CGACTAGTCA CTGTTTAGAA AGAAGAAGA AAGGAAAGAC
51 CCAGCAAACC TAAGCTAGTA TGACTATCCA TCTAAAAAAG GCTAGGGAGT
101 TGTGTGSGT TGTGTGTAT GTTGTGTGT GTGTGTATGT GTTTTATGTA
151 TAAGTCAAGT ATTACAAAT CTTTTACAC TAGCTGCCAT AAAAGACAC
201 AGACATTACA CAAAACCAT TGTCTTTTCA TATGCACCT CTGCAGTTC
251 TAGCTCAGG TCAAAGACAG CCCACAAAAG AGTAAAGGA ACATGTGGGA
301 AACAGAAGTT GGGGAAGTCG GAGAACCTCT GCAGACTKGA GGTGGAACAT
351 GGAGACACAG ACCTCACAGA AACACACTGG CCAGCTCCTC ARTKACAAAG
401 TCTKCTAAG CT

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ug289 Length: 275 May 30, 1996 10:48 AM Check: 9436 ..

1 GAATTCCAAG AGTATTAGAC ATTTTGGGAAG ATTATTGCAT GTGGAGAAAT
51 TATGAGTACT GCAGGTGGA TGGACAGACA CCCCATGATG AGAGACAAGT
101 AAGTATGAAA GGGTGGGAAG TTA AAAAGTG AAGTAAGAAC TTTATTTT
151 ATATTCCATT AGKTGTACCA ATTTAATATA ATGTTTGTAT TGTATTGCAT
201 CAGAGTATTT GATTTTTTTT AAAAATATGT ATTTTCTTTT AAAATTTAAT
251 TTGGTGTGAT AGTGTTTTGC CYAAG

ug290 Length: 397 May 30, 1996 10:48 AM Check: 4091 ..

1 GAATTCCGCC AAGATGGCCG AAGTGGAGCA GAAGAAGAAG CGCACCTTCC
51 GCAAGTTCAC CTACCGTGGC GTAGACCTCG ACCAACTGCT CGACATGTCC
101 TATGAGCAAC TGATGCAGCT GTACAGCGCC CGCCAGAGGA GGGCGCTGAA
151 CCGTGGTCTT CGGCGGAAGC AACACTCACT GCTCAAGCGC TTGAGAAAGG
201 CCAAAAAGGA GGCACCAACC ATGGAGAAGC CTGAGGTGGT GAAGAGCGAC
251 CTGAGGGACA TGATCATCCT GCCGGAGATG GTGGTAGCA TGGTGGCGCT
301 GTACMACGGC AAGACCTTCA ACCAGGTGGA GATCAAAACA GAGATGATCS
351 GCCACTACCT GGGCGAGTTC TCCATCACT ACAAAACCGT GAAGCAC

ug291 Length: 405 May 30, 1996 10:48 AM Check: 7889 ..

1 GAATTCTGGA GAAGTGGGAG GTGTACTGTA CGGGAGGGA CCAGGGGAAG
51 AAGAGGGGGG TGGAAAGTAA GAAGGGAGGA AAGGCAGGAG GGGGAGAGAG
101 AGATGTACT GCTTCTTTT CAGCACATAT AAAACAAAGG ACTAAAGAAA
151 CGCATATTTA AAATCCAGTT TCTATATTCA CACCTAATTG ACTTCCAAAC
201 CTACTTGTA AATCCATCT TCAGCAAATG AATTGTGTGG GAAAATGGCC
251 AGGCATCCAT ACACAGAAAG GTTCTCCATC ACCATAAATT AACTCATGGT
301 ATGCTGAATT AATTGTGAA AATTACTAGA AAATATGTTT ACAAACTGG
351 CAAATTCAGA CTATGTCACA CACAAATACT CCTTCTTTT TCCCTCTCTC
401 TCCCT

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ug292 Length: 300 May 30, 1996 10:48 AM Check: 4408 ..

1 GAATTCGGAA TGTACCGCA CCGCATGCTC TCCCTGCAGC CTTCTTTGCA
51 CACTGGCATG CTGGTCTAGG AGCCGCTATC TATCCTCTCC ACAATGCCTG
101 CHCGCCTCCT CMCVCAGTGT ACAAGCCAAG CCGCCACTAG CTTTCATCAC
151 AACHCGCTCT CCTCCACCAT CCTGGAACCC TTTCCAGCTC TCACCACCAC
201 ATCCGTATMM CTCCTCTTTC CTAGCTTCCT CCACCGAACC GCACCTCTTC
251 CTGGGCTATC TTCACCATGC ACTGCTGCTG CHGCTCCTCA GTCTCTCTCA

ug293 Length: 357 May 30, 1996 10:48 AM Check: 6639 ..

1 GAATTCGTTG GCGAATCATC ATCTCTCCTC CTCGTCTACG CCGTTCCTCC
51 TCTTGCCCTCA ACTGCATTTT TTTACGTTTC TGCATTTCIT GACTGTGAAG
101 TTCTCTCATG CCCTTAATTC TTCTGGCGGT CTCATCAGAT CTTKGCAGAA
151 AAGATTTTGT TGGTGTTCAT GGTAAGCATC TTCCATTTC AATTCCAATT
201 TGTCTTTAGC ATCCTTCATG TTTTTTTCAA CTGTCTCCCT TTGCTTTTTT
251 TCCATTTTCA CCAAGGACTT CCATYGTGA GAATATTTCAC TCAAAATGTC
301 CATGCTGAGC AAAACGAGGT GGTGTTTCTC TCTCCTTTTG ATACATTGGA
351 TTCTTCT

ug294 Length: 427 May 30, 1996 10:48 AM Check: 1346 ..

1 GAATTCCTCC CATGCACATG CAACTCTATG GAGACGCTCT CCCTTGACCC
51 TTCTAGGCT CTGTGTGTCC TCAGGCTGGG TGGTGAGCGT CTCGTACCTA
101 CAGAGCCATT TCACAGCTCC ACAAACCTCAG TTTAAACAG CAGCACCGCT
151 TCTACTCTAT GCTTCGGTTC AAGTGAGGAA GTGAGGCAGG TACAATTGGG
201 TCATTCACAC GGCTCTAGTC AGGTAGCTGG AGCAGAGAGG ATGGAGAACA
251 GGCCTATGGG CATCTCTCTG TGCTGAGTAT CCTGGGCTCT TTTCCACAAG
301 GTCTCTCCCA TAACAAAATG AGCCCTGGAC AGCTACAGGT GTCATACCCG
351 AGTGCGCAC TCCAACAAC TCAACAGCTG CTAGAACCTM GAAATCAATA
401 AATCAGAATT CAGAGCCTCA TTCTCTCT

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ug295 Length: 424 May 30, 1996 10:48 AM Check: 6442 ..

1 GAATTCCTTC TCAGCTGTAA CTGATGGCTG CGTCTGAAGC CTTTACTCTA
51 ATGGTGCTTA TGTCTGTGTG GGTTCACACC ATTCTATAGG GCTAGGTGGA
101 ATTGACGTTT GTTCTTACGG TGTTTGTCT ACTTCATGT ACTGTGACAT
151 GCTTGAATAA GGGAGGAGC GAATGGATTA CTTACCTGTC AGGATGCCAA
201 GAGCACCTGT GTGGCTGTG AGCCTGGACC TCAGTGAGCT GCGGTAAGCA
251 GGTTCGCAAC CTCAGGCTCA ACCATCTGT GAGGTCAATG CATCTTGGAA
301 AACAGAAAGT GACCTGGCAG CATATTCCCTT ATTTGTAGTA CTGTTTGTG
351 TTTAGTTTGT TGTGTCTCTT TGAGACAGGG TCTCTTTAAG TAGCCCTGDC
401 CTSGCCGTGA AATCCACAGA GAAC

ug296 Length: 389 May 30, 1996 10:48 AM Check: 2156 ..

1 GAATTCCACA ATTATCTCAT CAATAATTAC CCTATTTATC TTATTTCAAC
51 TAAAAGTCTC ATCACAACA TTCCCACTGG CACCTTCACC AAAATCACTA
101 ACAACCATAA AAGTAAAAAC CCCTTGAGAA TTAAAAAGAA CGAAAATCTA
151 TTTCTCTATT CATTACCCCA ACAATAATAG GATTCCCAAT GGTGTAGCC
201 ATCATTTATAT TTCTTTCAAT CCTATTCCCA TCCTCAAAWG CCTAATCAAC
251 AACCCTCTCC ATTCTTTCCA ACACTGACTA GTTAAACTTA TTATCAACAA
301 AATAATGCTA ATCCACACAC CAAAAGGACG AACATGAWCH CTAATHATTG
351 TTCCCTAAT CATATTTATT GGATCAACAA ATCTCTAG

ug297 Length: 388 May 30, 1996 10:48 AM Check: 9505 ..

1 GAATTCCTTTT TGGCTCTCTTA GGAGGTATAA AGTCTCTTTCC AAACACTGCT
51 TCTCTTCTTT CTAAATCTGC AGGATTTCCA CTAAACCTT CATTGGGAGA
101 TGTTTTCAAC TTGGTGCAAA TGCCATAGAC ATCTCCATAG CTCTCCTGTA
151 TTTTCCGTAA TGCATCCGTG GATCTGAGCT CCAATGAGAGC TCGCAGCTCT
201 GTAAGCGTAA TTCCAAGTC TCCATCATGG TTAGCTTCTT TCAAAGAGTT
251 CTTACACCG CTATACGCAA CTGAGTTGTT GGCCATGTCG CCCATCACAA
301 GGATAATTTA TTAGGAGGAA AATGTTTCCC AGAAGAATGA AATTTTCACC
351 TTGAATGTAG ATTTCCAAGC TGAATACTTT TTAATATAT

ug298 Length: 230 May 30, 1996 10:48 AM Check: 309 ..

1 GAATTCCCCA AGCTTGTGCA GAGGCCAGGA CCACCTTGTT TTCATGCTCT
51 TGACTGCTGG GAGCAGTGA AGAGCTAAGA ACAGAGTAGG GGCCCSAGGG
101 CTGGATCTAG CCCAGCCCAG GGSCAAAAAG GAAAAGAGGG GAGTDCCTCC
151 AGCTGGTTTT GCCTTGGTGA AGGCTTGGGC TGGGAGTTCT YGAGAGGCCT
201 CCTYGCTATC TTAGACCACY GGTCTTTTTA

ug299 Length: 238 May 30, 1996 10:49 AM Check: 4507 ..

1 GAATTCACAT ATGCAAAGAG ACTGAATGTG GATCCTTTGA CTTTCTCTTG
51 CTCCCAGTCT CTGTGCCCTCC TAGTAGAGCA CCGCCCACT GGGCAGCCCA
101 GGAAGAGCT GGAGACATCA GCCCAGTGA CTTCTAGGAA GTTGAAAAAG
151 CAAAATAAAA CATTTTCAGA GAGCGTTTCC CAAAWCHCG AGCATTCTCA
201 GAATTGACAG SCCACTTGGC ATAAACCTGT GAGTCAGA

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ug300 Length: 350 May 30, 1996 10:49 AM Check: 5842 ..

1 GAATTCCCTT ACATCAAAA TTATTTAAGT TGACCAAGAT AAAAAACTGT
51 CTCTAAAAGC TTATATACAT TAGAAGTAGC AAAAATAATA ATAAAGGAAG
101 AGATTAGAAA ACAGCCATCA AATTCAGACA TCTACAAGAA TTCTCCAACA
151 TCTGCTCTCT TATCTGGCA TTGCTTCGA GCTTTTGTC GAGCTTTGAA
201 AGCTGCAGAG TTATATAAAT GCCTTTCAAA ACGAGAAATC TTCATGGTTT
251 TAAGTGTTC AGCATCAAGC ATCACAGGGG GGTCCAAGCT CAAATACTTT
301 TCGAGGRATT MMWTTTGTCT GCAAGTGGTA CTGCATCCCT GATCCMAGAA

ug301 Length: 376 May 30, 1996 10:49 AM Check: 7689 ..

1 GAATTCGCGG CCGCTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTACTGT TAAAGGATTT ATTGCAGTAA TACAACAAG GTTTAGAAAA
101 CATCTGTGTG ATCAACCTGA CCTGGAAGTT TCAGTCGCAG CAAGGGGGTT
151 CTGACGTTC AGCTTTCCCA ATGCACACCT GAACCCACC CAATGCTGAC
201 CCCCATACCA TGGTAAGTTA CATTTCTTGG TTCTACGTAA GACCATGAAC
251 AGCCCGTGIG GTGCCTCTGA GTGTCTATTA GTATTACCTT GTTCCAAGAA
301 ATCATTTTAA AATGGAAAAC ATGATCAACT TCTATGGCTT TCGGTTTAAA
351 AAAAAAAAAA CAAAWCACC GCTTCA

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ug303 Length: 481 May 30, 1996 10:49 AM Check: 8648 ..

1 GAATTCGTCG TTTTGTCTGT CACCAGCAAC ATTGCCTCGT CTAACATCTT
51 TGACCGACAC GTTCTTTACA TTGAAGCCCA CATGTCTCCC AGGAAGAGCT
101 TCACTCAAAG CTTTCATGGTG CATTTCACAA GACTTGACTT CAGTTGTTAC
151 ATTGACTGGA GCAAAGGTAA CCACCATGCC AGGCTTGAGA ACACCAGTCT
201 CCACTCGGCC CACAGGGACA GTGCCAATGC CTCCAATTTT ATAGACATCC
251 TGGAGGGGCA GTCGAGGGG CTGTTCAGTT GGACGAGTTG GTGGTAGAGT
301 ACAATCCAAA GCTTCCAGCA GCGTGGTGCC ACTGGCACTG CCATCTTTGC
351 GGGACTTTCC ATCCCTTGAA CCAAGGCATA TTAGCACTTG GCTCCAGCAT
401 GTTGTCACCA TTCCACCCAG AAATGGCAC AAATGCTACT GTGTGAGGT
451 TGTAGCCAAT TTTCTTAATG TAGGTGCTGA C

ug304 Length: 507 May 30, 1996 10:47 AM Check: 5678 ..

1 GAATTCCTTT AACTGTATTA CTGAATACCT GAGGTAGTTG AGTAAAAATG
51 CACGTTTAAT ACCCTGCCAA CAGCGGCTGG CACTTCCCTT AGGTTATCCA
101 TGTAGTGT AGAGAAACAG GAGACAACAG CTCTTCTATT CTAATGGCTT
151 AATGTTGTGT TCCTCTGACA ATTCTACTTT GATCCAATTT CAACAATTGG
201 ACTTAGGAAC AATCTAGTTT TAAATTTATT TGATAAATTT AGTGAATGTA
251 CCATTTATDC CAATTTCTGG CATTATAGAG GGATATTAAG AAAAATTAGC
301 ACGTTTGTTA TACTTTGATA TCACRAGGGA AGTGCAGAGT TCTCTTCTCT
351 TACCCCCACT TTTGTTTGTT TGGGGTTTTT GTTTTGTGTT TTAATTTAGC
401 TGTTTTTTGT GCATGATACA AGTTWAGATG CCTGGATGT TTGATTTTGG
451 ATGACATGCT ATGTCTTGT CAGTGGTGGT TCATTTGCAG TAAATYGATT
501 GAGGACA

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ug305 Length: 429 May 30, 1996 10:47 AM Check: 8259 ..

1 GAATTCCTGGA TATTAATGAG AGACTACGGG TATCGAGATA TCAAGAGTAG
51 GAATTAAATC ATACTCCCAA TAAGAGAACA TATCCCACA ACAGAAATAC
101 TCATTCCOCT AATTGCAAGG AAGATTTTAA GGCAGTGAGT CTCAAACTGT
151 AATCTTACCA CCAGCAGCTG TAATGCTGCA AAAATTCTCA GGTCTACCC
201 AGACCTACTA GATCAGYBCT GGGGGTTAGC TAGGCAGCCT GTGTGCTAAC
251 AAGTCTCTCT GGGGACTCAG GTACACAATG AAGTTTAAGA AAAGTGCTTT
301 TCAGGCTGGG GATACAGTTC HGTGGGAGA ATCTTGCCCTA ATATGTTCAA
351 GGGCCCTGAGT TTGGTTATCA GCATTACATA AGTGTGTGTT TGTACATGCC
401 TGTCTCTTTT GGGAGGTAGG AGATAAAGG

ug306 Length: 274 June 11, 1996 2:20 PM Check: 9770 ..

1 GHCCCCCGGC TAGAGCGGCT TTTTTTTTTT TTTTTTTTGT TTTTGTAGGC
51 AGGGTTTCTC TGTATAGCCC TGGCTATCCT GGAACCTACT CTGTAGACCA
101 GGCTGGCCTC GAACTCAGAA ATCTGCCTGC CTGGCTCCC CAGTCTGGGA
151 TTAAAGGCGT GCCCACCCT GCCCAGCTTT TTTTTTTTTT TTTAATCCTT
201 TTTATTTTTT TTAATAGCTA AGTGGTTTGA CTGTTTTC A GTGTAGACC
251 ACGTGGAAAT GAGAATATTT ATCA

ug307 Length: 287 May 30, 1996 10:47 AM Check: 3892 ..

1 GAATTCCCCG GCTGAGCGG COGCTTTTTT TTTTTTTTTT TTTCAGAAAG
51 CCAGTTTATT TCTAAGACTT TGTATATAAA CTTTACGCG GTACCAATAG
101 TTACCTGCCA TACTCGCACC AAGTTGTCTG TATAGCCAGC AAACAGAGTC
151 TKGCCATCAG CAGACCATGC CAAAGAGGTA CACTGGGGTG GCTCTGCCTT
201 KCTGCTGGTG CTGATAACTT CTTCTTCAAT TCATCTACAA TGATCTTGCC
251 CTCGAAGTYC CAGATCTTGA TGCTGVGCCA TGGCAGC

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ug308 Length: 403 May 30, 1996 10:47 AM Check: 8787 ..

1 GAATTGCTC TCCTTCCCTC GGAACAACAT TAGCTACCTG GTGCTCTCCA
51 TGATCAGCAT GGGGCTCTTC TCCATCGCTC CCTCATTTA TGGCAGCATG
101 GAGATGTTCC CTCGGCACAG CAACTCTACC GCCATGGCAA GGCCTATCGC
151 TTCTGTTTG GTTTTCTGC TGTCTCTGTC ATGTACCTGG TGTGTTACT
201 GGCAGTCCAA GTTCATGCTC GGCAACTGTA CTACAGCAA AAACCTCTAG
251 ACTCTTGGTT CACCAGCACA CAGGAGAAGA AACBGAAATG AAGCCTGCTT
301 GATAAACTGC TCTCGAGGGG TAAACCTAG GBTCTCCATT GAGCAGCGTK
351 AAGGGAGCHG TCCAGACTCT CCATCGATTG TVGCATCTGT GATGTTKGV
401 ACC

ug309 Length: 231 May 30, 1996 10:47 AM Check: 1251 ..

1 GAATTCGGTT ACCATCGTTA AGCCAATCGT TTATGGCAAT GTTGCCAGGT
51 ACTTTGGAAA GAAGAGAGAA GAAGACGGGC ACACTCACCA GTGGACTGTG
101 TACGTGAAGC CCTACAGAAA CSAGGATATG TCAGCATATG TGAAGAAGAT
151 CCAGTTTAAA TTACACGAAA GCTACGGCAA TCCTCTAAGA GTCGTCACCA
201 AGCCTCCATA TGAATCACA GAAACARGAT G

ug310 Length: 321 May 30, 1996 10:47 AM Check: 8376 ..

1 GAATTCGGCC ATCTGGCTTA GGTGCCCTAC ACTGGTTGCA TTCAITTTCT
51 CAAGAGAAGT TCATGTTCTC ACATGTAGGA TTAGGACACT TCCAGTCTCC
101 AGCTCGTTGC TGTCTCCAC CTCACCACC TCCACTGGGG AATCTCCCC
151 GGCCACCACC ACCACTGCCA CTOCTCCAT AGCCTCCACG GCCATGGGT
201 CTOCTCGVC CTCGGCTCM VCGACCATTT CCACCACCCC GATTGAAGTC
251 AGCTGGCGG GTAGCAAATG AAAACTTTAA TAGGATTCCC AGAGAATTCT
301 TTACCATCAA AACMAGTGA T

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ug311 Length: 319 May 30, 1996 10:47 AM Check: 2652 ..

1 GAATTCGGCG GCGTTTATTT GGAGCAAATT CAGCTCCCGG AGCTGGACGG
51 TTGAATGCAG GAGGAGTTCC ACCAATTGCT CCAATTCCTT CCATTGTTGC
101 AGCTTGGCCA AAACGTTTCAG TTGTTGGTGG GGTCAATCCA AGGGTTCCAT
151 CTGGCATCAT AGTGGCAGGT CCTGGAGGAG CTGGAGTACC AGGTGGCACA
201 GGAGCAGGGG GCATCGCGCC TCTATTGTTT ATGCCCATAG CACCTCCCAT
251 AGCCATTGCG CCCATCCGTA TCTCTTCTTC TCTCGCATCA GGGAAGGTTT
301 CCTTGAATCC TTCCWCGGT

ug312 Length: 286 May 30, 1996 10:47 AM Check: 7001 ..

1 GAATTCCTCC ATATTGTAT CATGTAGCTG TGCTTTTAGC TTTTCATTTT
51 CAGCTAAAAA TTGTTTCATA AGCTTTTGA AGTCAGTTGA GTCATCCTTT
101 TCTAGCCTGC TACTGTAAGG TTTTCTGTCT TCTAAGTAAC TGTATGAAGC
151 AGAGCGACCC AGCAAGGAAT CATACCGATC ACTTGATGAT GTGGAAGTGC
201 TGTCATACCT GGAAACAGAA TCCGTCCTAGA AAGTAAAAAA AAAAAAAT
251 TTCKGSCCKC HCGADCGGGG AATTCCACCA CACTGG

ug313 Length: 379 May 30, 1996 10:47 AM Check: 225 ..

1 GAATTOCCAG TTCTGGCTG TTATAAATAA GGCTGCTATG AACATACTGG
51 AGAATGTGTC CTATTGCAA GTTGAAACAT CTCTGGGTA TTGTGCCAGG
101 AGAGGAATTK CTGATCTTC TGGTGGTGT TTTTTCCAA TTTTCTGAAG
151 AACTGCCAGG CTGATTTCCT GAGTGCTGT ATTAGCTTGC AATCCCACCA
201 ACAATGGAGT GTTCTTTTTT CTCCACATCC TCGCCAGCAT CTGCTCTCAC
251 CTGAGTTTTT GAHCTTAGAC ATTATGACYG GTGTGAGGTG GAATCTCAGG
301 GTTGTTTTAA HGTGCATTYC CYTGATAATT AAGGATGTTG ACMTTTCAGG
351 TGCTTCTCAG CCATTCAGTA TTCGTCAGG

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ug314 Length: 319 May 30, 1996 10:47 AM Check: 4298 ..

1 GAATTCGACA AACAGTAAGA CTTGACTGGA ATATCTAGTT ACAGAATATC
51 CCAGGGAAATT CTTTGGTCTT ATCATTTTAA GGAAAAAGAA AAGCAACGGC
101 AAGCAGAATT ACAGGAGAAH GAAATCGCAG AAAAAAGTT TAAAGAATGG
151 TTGGAAAATG CAAAAAATAA ACCTCGTYCG CTGCAAGAG CTATGGTTAC
201 TCCAGTGGAA ACTTACAGGT TGGATTTTAC GTCTGTGCTT ACATAAATAT
251 GGTTCGAGA AGCAAATGAT ATATATAGAA ATGTATAAAA GTAATTTTTC
301 TTTGAAATTA TTATTTTCT

ug315 Length: 104 May 30, 1996 10:47 AM Check: 8661 ..

1 GCGTAGGCG AGCGCGCCTG CCTGAAGCTG CGCATTCGCC ATCAGAAATG
51 ACCCAGTCGT CGTCCTCTCG GCACCGAATC GTATGATTCT CCSCCAGCAT
101 GCTT

ug316 Length: 87 May 30, 1996 10:47 AM Check: 868 ..

1 GCGTAGGCG AGCGCGCCTG CCTGAAGCT GCGCATTCGCC GATCAGAAAT
51 ACCCAGTCGT CGTCTCTCTC CCGAATCGT ATATTCT

ug317 Length: 260 May 30, 1996 10:47 AM Check: 4510 ..

1 GAATTCGGCT GCTCRAAGCT GGCTTAAGTC CTGCTGAGAT TCAGCAACTA
51 TGGAAAGAAG TGA CTGGAGT CCATAGTATG GAAGACAAC GCATCAAGCA
101 TGGAGGGCTA GA CTTCAAGA CTAACAATTC CTCTCGACT ACCTCTCCA
151 CCACGTCCAA AGCATCTACC ACCCATCACA CATCATTCCA TAGTGAACGG
201 ACAGTCTTCA GTTCTGAATG CAAGGGGGGA CAGCTCATCA CATGAGGAGA
251 CTGGGGCCTC

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ug318 Length: 163 May 30, 1996 10:48 AM Check: 8064 ..

1 GAATTCGAG GCCAGCGCG CGGTGAGAA GCTAGTTTCC GCGTGCGCG
51 AGGCGCGCGA CTTCGCCGAG CAGTTTCGTT CTTACTCGGA GAGGAGAAG
101 CAATGGAAAG MCGCATGGA GTTCATCCTG CCACCTGCCT GACTACCGAG
151 ACCCAGCGA CGG

ug320 Length: 552 May 30, 1996 10:48 AM Check: 737 ..

1 GAATTCGTAC AGTCACAAA GTCACATTT AGAGGAAATC TTAATAGATC
51 TTCTCAGAG CAAAATGCA AGAAGCACAC ATTTTATAGT TTTAAGTTG
101 TATCTCAGAG CCTCAGTCCA TACAGACAA AGTCAGCCA ACAAATCAG
151 TTCAAGGAAA ACAAAGTTA ATTTGCTTGG GCTTCCTAGC TAACACTGG
201 CTATTTTCCC ACTCAGGTGG AGGAGTGTGT AATCTGCCA GTGCCCGGA
251 GCTGAGACC CAGGCTAAAA CACAAAAA AACACAAGT AGTCTCTGT
301 GCTGAGAAAG TTACAGTTAG AGCGAGGCT GCTGACAGC TGGAGTTCT
351 GGAATGATCA CAACTCCAGC AGCACACCT TGACTTACAA TTGRCAGCTC
401 TGCTCTACTC TGGGCTCTGA AAACCCAGA GAGGCGCAA GCTGACTCTA
451 AGAGGCAAGG TCTGTCTTGC TGTGTCTTA TTGCCAGAA GAGACACCAT
501 GACCAAGGCA ACTTTGAAAG CATTTAATTT GGGGKTCAT GGATCCAAGG
551 GG

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ug321 Length: 434 May 30, 1996 10:48 AM Check: 4322 ..

1 GAATTCCTGG AACTCACTCT GTAGATGAAG ACTGTAGCAG AACTCAGAGA
51 CCCACCTGCC TCTGCCCTCTC AAGTACTGGG ACTAAAGGCA TGCAGCACTA
101 TTGCACTGCT GAGTTTGTGT TTCTTTTCTT TTCTTTTCTT TTTTMTTGG
151 TTTTCAAGA CAGGGTTTCT CTTTATAGCC CTGGCTGTCC TGGAACTCAC
201 TTTGTAGACC AGGCTGGCCT CGAACTCAGA AATACGCCTG CCTCTGCCTC
251 TGCTCCCGA GTGCTGGGAT TAAAGGCATT CGCCACCACG CCCGGCCTTC
301 TTTTTTAAAG ATTAAAAGTA AATTACTTTT ATTAATTTAA AGTTATGTGT
351 GTGTTTTTCT CTAGGTATGT ACATAAGAAT GCAGATGCCC ACACAGGTCA
401 GAGGCATCAG ATCCTCCTGG AGTTAAWGCT ACAA

ug322 Length: 426 May 30, 1996 10:48 AM Check: 2801 ..

1 GAATTCAGAG TGAGCTGACC CAAGGCCCAT TGGGCTCAGA CCTTGCCTGAA
51 TATGCTTGGT GACAACCTAAA CCTGCGCGCT GTTCTCATTT TGGAACTGTG
101 TCTGGCTTTT GCTTTTCCTT CCGCACAGGA AACTATCATG AAATTCCTTC
151 CTTTGTCTTG GTGCCAAAGC TTCACTCATT CCATTTCCTC AGCAGCCATT
201 TCCTGAGTGT CTGCACTGTA CTGGGCTGGS TTAAAGGCCA GGGAAAAGC
251 AGATGTTGGA AAAGAAGCCT GCATACTTCC GTAGAATGTA AGATGTAAC
301 CAGAGTTGAG AAAAGGGAGG GGTGACATTT GTAACTTTTT CCTTGTCTGT
351 ACAGTCTACA ATAAATTATA CTACATAAAA TTCTTTAACA GTATTTCATTA
401 ATGTAGCTGA CCATTAGGA TGGAAA

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ug323 Length: 452 May 30, 1996 10:48 AM Check: 2406 ..

1 GAATTCGCTC CAACCATCTT GGTCAAGAAA GAGTGTGAGC ATGCTTCCTG
51 ACAACTGCTA GAAAACTGT GAGTTAGTA CACTGCTCCT CTTTATTATG
101 GCCCAAACCT CTGACCTTCG GTTTCCTTTG CAAGGAACCTG AAGAAAGAGC
151 TGAGACCTTT CTATTCTGT GGAATGTCAG AGGAAGATCA CATGACAAAG
201 GCTGAACACT TTTAGCTTTG TTGTGTACTA AGTCCAGTGT ATCAAATAAG
251 AAAATAACTT ACTCTGGCTG CTGTAGGGTG GGAGATGAGT ATCATGGATT
301 CTAGACAAAG TGACCAACTC TCTCTCATAT ACAAAVACA CTCTGGGGGR
351 CTCCCAAAGC GATCTTCCTG AAAGCTAGAC TTCTGTTAAG TAACTCCAAC
401 AACACAGTCT CTTBGGTGAA TATGTAAGTT TTTTAAAAAT ATTTTAAAGA
451 AC

ug324 Length: 380 May 30, 1996 10:48 AM Check: 5652 ..

1 GAATTCCTGC CATTTCCAGG AGATTGCTGA GCATCTTCAC AAAAACCAAG
51 ACTTTCCAAG TGCTGAGTAG GATCACCACC TAAATAATAC TCTTCTGTG
101 CAAATTGCTC CATAGAGTCA CAGTACACTT CACTATCTGA ATCACTTGT
151 AAATGGTGTG TTCTGAAGC ATCTTCACTG GGATCTTCAT TTCTATCTTG
201 GTGAGCACAG ACAATGGTGT TCTGTCTGCT GAGAGCTCTC ATCTCCAGGC
251 TTTTCATCTT CACVCTTCTG GTGCCCCGGA AGAATCAGTA TGAATGTCAC
301 TCTGTATATC CTGAACAAAG CTACCTTTAT AGCCATTGTA ACAATGATT
351 CCAAATTCTT ATCTCTGATT YCYTCAGCTT

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ug325 Length: 308 May 30, 1996 10:48 AM Check: 1633 ..

1 GAATTCOCGG CGTCCCTCT TAATCATGGC CTCAGTTCCG AAAACCAACW
51 AAATAGAACY GCGGTCTAT TCCATTATTC CTAGCTGCGG TATCCAGGCG
101 GCTCGGGCCT GCTTTGAACA CTCTAATTTT TTCAAAGTAA WCKCTTGGG
151 CCCCGCGGGA CACTCAGCTA AGAGCATCGA GGGGGCKCCG AGAGGCAAG
201 GCGGGGGACK GKCGGTGACT CGCCTYCKG HKGACGCGYC KCTCCCCAAG
251 ATCCAACCTAC GAGCTTTTTA ACTGCAGCAA CTTTAATATA CCTATTGGWG
301 CTGGAATT

ug326 Length: 479 May 30, 1996 10:48 AM Check: 9210 ..

1 GAATTCAGAC TTGTGCATAA AACTTTTAGC GGGTACCAAT AGTTACCTGC
51 CATACTCGCA CCAAGTTGTC TGTATAGCCA GCAACAGAG TCTGGCCATC
101 AGCAGACCAT GCCAAAGAGG TACACTGGGG TGGCTCTGCC TTGCTGCTGG
151 TGCTGATAAC TTCTTGCTTC AATTCATCTA CAATGATCTT GCCCTCCAAG
201 TCCCAGATCT TGATGCTGGG CCACTGGCAG CGCAGAGCCA GTAGCGGTG
251 GGGCTGAAGC ACAAGGCATT GATGATGTCC CCACCATCTA AAGTGTAGAG
301 GTGCTTGCCCT TCATTGAGAT CCCACAGCAT AGCCTGGCCA TCCTTGCCCTC
351 CAGAAGCACA GAGGGATCCA TCTGGAGAGA CAGTCACTGT GTTCAGGTAG
401 CCAGTKTKGG CCAATGTTGG TTGGGTCTTT AGCTTGCACT TAGCCAGATT
451 CCACACCTTG ACCAGCTTKK TCCCATCCG

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ug327 Length: 475 May 30, 1996 10:49 AM Check: 4600 ..

1 GCGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAGTG TCAAGCATGA CAAAGTTGCA GCGAATACA GTGATCGGTG
101 CCGCCCGGGA CCTGTTGAAC GAGGTGGCG TAGACGGTCT GACGACACGC
151 AAACCTGGCGG AACGGTTGGG GGTTCAGCAG CCGGCGCTTT ACTGGCACTT
201 CAGGAACAAG CCGGCGCTGC TCGACGCACT GGCCGAAGCC ATGCTGGCGG
251 AGAATCATAC GCATTGCGTG CCGAGAGCCG ACGACGACTG GCGCTCATTT
301 CTGATGGGA ATCCCGCAGC TTCAGGCAGG CGCTGCTGCG CTACCGCCAG
351 CACACTGGCG GCCTCGAGCA TGCATCTAGA GGGCCCAATT CGCCCTATAG
401 TGAGTCGTAT TACAATTAC TGGCCGTGCT TTACAACTG CGTGACTGGG
451 AAAACCCCTGG CGTTACCCAA CTTAA

ug328 Length: 543 May 30, 1996 10:49 AM Check: 7940 ..

1 GAATTCATTA ACTGTGCTGT GATAGGATGT AGGGGGTGAA GTAAGAGGGT
51 AAGCGCCTGA TGTCCTGGC TGCTTTGGAA ATGGCTGTTG CTGAGGTGGC
101 TGGAGCTGTG ATATTAAAGA GTCCATCATG TCACCTCCTA TAGGAGAAGG
151 AGGGTTATCA TCCTCATTTA CAGATCTTCT CCGAGCATCT TGATGCTAT
201 CAACAAACAT GTTCAGGAAA GTCTTTAATC CTGGTGCAGG ATAGAAGCCT
251 TCAACTAACT TGCTGTTATC AAAAAGACTA TAGGCACCGT CCGTATTGC
301 CACGACGCCT CCACTACGGC AGTATATGTC AATGCAGTAC ATGTTCTCTA
351 AGGCAGTCT GATGTGGGTG GATGATTGTG GTAAATGGA GAAACCCYGG
401 TAGGCSGTGT TAGTTCTCTG GTCAGGCCA ACATTGGAAC AGTAGGAGT
451 TTGTTGATAG CATTTAATGG TGCCGAGTA TCAACAAAA CCTGTAATAA
501 CTGACCACAT TTGGTGTITT GTTTGAACAT TTCTTGAAGT TGA

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ug329 Length: 409 May 30, 1996 10:49 AM Check: 1690 ..

1 GAATTGCGCG GAGGCGGCGG CGGGCGAGGC GGGCGCGAGC GAGCGGGACC
51 CAGACGCGGG CCGCGCCGCC GCGGGCTGCG GGTCTGTGCG GGCCATCTGC
101 TGGGCCGGCC CCAGGAGGCT CCGAGTACCA ATGAGTGCAA AGCGCGGAGA
151 GCGCGCTCGG CCGCGGGGCG GTGCGCCGCC GCTACTCTG CCGCACCAGA
201 GTCGGGCACC ATCCCCAAGA AGCGGCAAGA AGTTATGAAA TGAATGAGT
251 GGGGCTACAA TGATTCGAAG TTCTTATTGA ATAAGAAGGG CCAGGTTGAG
301 CTGACTGGGA AAAGGTACCC ACTTAGTGGC TTGGTTTTC CAACTTTGAG
351 AGACTGGATC CAAACACCC TTGGAGTAGT CTGGAGCATA AACTACCTC
401 TAAAACATC

ug330 Length: 139 May 30, 1996 10:49 AM Check: 1543 ..

1 GAATTCGAAC ATTGCTCAG GTATGAGCA GGGTGAGAAA GCTGGGTGAG
51 CCTGCATCTA CAACTGAGT GAATTATTTT CHHTCTGTGT GTGAATGTCA
101 GCATGACACC CTGAGTAGAA SCCAGACCTT GTCCCCTAT

ug331 Length: 382 June 11, 1996 2:20 PM Check: 641 ..

1 GAATTCCTCA AATATCTATA TAATAATTTA CAACGTTGT TGTGGAGATA
51 GGATCTCACT ACACAGTGCA CGATGCCCTC AAAATTATGT AGCTGAGGCT
101 AGTCTTAGCC TTCCAGGCGC TGGGGTTACA GATATGTGCT ATTACAACCA
151 GCGTTGGCTT ATACTCTTAG TATGCAAACA TAGTCTTCAT ATTTTATAT
201 ACCTAATGCA TGCCTATTAT ACAATACACA AAATCATGCA AAGCTATCAC
251 AAAATCTGT AGTAGAACA ATTTGATTTA TGCCAACTGT ATGPTCACA
301 TAACTCAATT CCTTCTTTTA AGAATGAAGT CTTCATTTTC AAGTGATAAT
351 TCTATTAAAA CTAGAATCAA CACAGTAAAA AT

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ug332 Length: 319 May 30, 1996 10:49 AM Check: 133 ..

1 GAATTCCTGC TATAATAACC TAAGCTATTA AGTCACAACA GTTTTAGCTT
51 TTCTTTTAT AAGAGTTTAA GATTTTATTT ATTTTATTTT TATGTGTATA
101 AGTATTTGTC TGTGCATCAT GTACATGCCT GGTGCCCAT AAGGCAAGAA
151 GGGGCACTG GAATTACATC CCTGTAATTG AACAGGGTCC TCTGTAAGAG
201 CAGACAGTGC TTATAATTGT GAAGTCCTAT CTGTTAGVCC CCAGTTTTTG
251 GTTTTCAAAA GGGGTAACTC TAAAAAATAT TATARAACAG AACATGCTCA
301 AAATAAAATG TTGGCAAAA

ug333 Length: 261 May 30, 1996 10:47 AM Check: 4859 ..

1 GAATTCGATG TTTGTCAGG AGAGATGAGG TAACAAACTA TTGATAACAA
51 CATAGCCATA AGAGACCAAT ACTGACTTCA AGACTCAAAA GAACACAGAC
101 CCTAAAATCA CAGCTTTCAG GCAGTGTGTT TCTAGACCAC GGGGCAACTG
151 TACMGACAA AGCAGCATGT GACAAGAAAC ATCATTTGACA AGGCAGTTCT
201 CATGGGGGAT GGAGCAGGCT AGTGGGGGTC GGGGTCAC TG CYGGAAMCT
251 TCAGACCGCA T

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ug334 Length: 557 May 30, 1996 10:47 AM Check: 8687 ..

1 GAATTCGCGT CGGACCTGCG GAGCCCAGGA TGGTGTTCGT CGAGAGCGAG
51 CAGTTCTCTGA CGGAGCTGAC CAGGCTCTTC CAGAAGTGCC GCTCGTTCGG
101 CAGCGTGTTC ATCACCCTCA AGAAATATGA CGGTCGCACC AAACCTATCC
151 CGAGGAAGAG TTCTGTGGAG GGCTCGAGC CTGCAGAAAA CAAGTGTCTG
201 TTGAGAGCCA CGGATGGGAA AAGGAAGATC AGCACGTGG TGAGCTCCAA
251 AGAAGTGAAC AAGTTTCAGA TGGCCTATT CAACTACTG AGAGCCAACA
301 TGGACGGGCT GAAGAAGAG GACAAGAAGA ACAAGAGTAA GAAGAGCAAA
351 CCAGCACAGT GACAGGCGTT GGCTGCTACC AACCAGTGC ACAAGTGAT
401 TTTTCTCTG TTTGCTGCT TCAGCACCTC TGTATGTAAC TGTTTCCAG
451 GAAGGTCCT TTAAGAGAGA AGGACTGGGA TGGGCATGGG CTAGTTGTBG
501 TAAGACGCCA KTTTTSATG TGCYGTGTG GCTGGATATT CTTAGATTCC
551 AGCCGTA

ug335 Length: 195 May 30, 1996 10:47 AM Check: 8327 ..

1 GAATTCATT GGCAATTCT TTTTCCAATT CCATAACTTT ATTCAATTCC
51 AAAGAGAGCT GGTTTTCATC AATAGGCAAA CTTTGTTCCT GAAGAATCAG
101 TCTGGCCACA GAAATCATAA AATCCACATA TGCTGTGCAA GCTCTTTAT
151 ATATTCAGT GCACTCAGAC GCATGCCCYC AMGCATAGTT ACAAC

ug336 Length: 288 June 11, 1996 2:20 PM Check: 3359 ..

1 GAATTCCTTG AGAATTAAAA TGAACGAAAA TCTATTTSCC TCATTCATTA
51 CCCCAACAAT AATAGGATTC CCAATCGTTG TAGCCATCAT TATATTTCTT
101 TCAATCCTAT TCCATCCTC AAAACGGCTA ATCAACAACC GTCTCCATTC
151 TTTTCAACAC TGACTAGTTA AACTTATTAT CAAACAAAATA ATGCTAATCC
201 ACACACAAA AGGGAOGAAC ATGAACCCTA ATAATTGTIT CCCTAATCAT
251 ATTTATTGGA TCAACAAATC TCCTAGGCT TTTACCAC

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ug337 Length: 197 May 30, 1996 10:47 AM Check: 3881 ..

1 GAATTCCCTTG TGTGCTGCT CAGCTCCATA CACCCAGCAA TTCACCTGTA
51 AGATCTGTCC TGCMTTGGAG GCCGTGGAGT GSGATCTTCC TTTTTCAGGA
101 TGAAAGAAGT TGGCTTCTCC TAAAGACAAC AGTCTCAGAC AGGTCTCAAG
151 ATTCCCTGTT CTCACACTTG AATGGGTCAT ACTGAGATCT TTCCGTC

ug338 Length: 229 May 30, 1996 10:47 AM Check: 9496 ..

1 GAATTCTGGA GTTCCGCAGC TTGACCCACA CATTTGCCAG AGGTGAGAAA
51 GTGGCCGCTG AGGTCTTGCT GCTTCCCTGA GGCCGCTTCC TTCACGAGAG
101 AGCAGTAGTC GTTCTCAAGG TGGGGAGCGA AGGGGCTGCT GGGCCCGCTG
151 CGGCHGCCA CAGGACAGAC CATCGGAAGA GCTGTYYGCC TCAGAGTTAA
201 GGGATGGCTT CTTGGGGCCC AGGCGGGAG

ug339 Length: 57 May 30, 1996 10:47 AM Check: 2748 ..

1 GAATTCTATGG AACTACTCCA TCAATAGGCA AAGTGGCATT GATTTTATC
51 TCDATTT

ug340 Length: 356 May 30, 1996 10:47 AM Check: 1144 ..

1 GAATTCCCAA AAGTGAAATA AGATGTCCAC ATTAACAAAA TAAAGCCTAC
51 AAAAAAGTTC TGGAGCTAAA AAAATTATTC ATATGGCACA ATGTGATCTC
101 CAAGGTCCAA AATATTGAAA TGAGATCCGT GTAAGCATCC TGTCTGCTTT
151 TCAATGCAGC ACTAACTTTA CTGAGGTGAA ATCACAATTT AGTCTCTCAG
201 TCAACAAGTG GACACAAATG TTTTCTTACA GTTATTAAAA ACAGGAGATC
251 AAGTGAATG TDCCGAAATG ATTTCTTCAG TTGGATATTT TAGTATCTTG
301 AAGAAAAATTA GTDAAGGGAT ACTTGTCGTT TCCATAGCYT GATAGACCAA
351 AACAAA

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ug341 Length: 371 May 30, 1996 10:47 AM Check: 2538 ..

1 GAATTCGCAC GCAAGCCCTA TCATACCACA GGAACAGAG CACAAGAGAA
51 GTGTACAGTG GAGTGGGCAT SCGTAAAAAG ATGGTGTTC CAAGCAGAAG
101 TATATGCAAA GRCCTTGCTA AACAGAACT GAACAGATAG CTTATACCAT
151 TAGATCAGAT TTTGAAGGGT TTTAGGATGC ATGGAGATGG GCCACTAGGG
201 TTGACTATGA CCGAGGTCAG GTATTATGTG TTTACTTAAG ATTCTTTCT
251 DSCGATGAGA ATGCATTCTG ACTCCAGCAT GCACCAGGTG CGCTTDCCTC
301 CCAGADCTGG GATTGCCAAT TCCAAGTGK CCTAGCCTTG AGGATTGACC
351 TTGGSCCTGA GCATAGCCTG T

ug342 Length: 323 May 30, 1996 10:47 AM Check: 9374 ..

1 GAATTCWCGC TCWCHCTTC TCAGTHCTTT CAAAGTCACA GGAACCTGGC
51 AATTTCCCTT TTCATTCCCC CTCCCCTTC CTGGTAAAGT HCCTCTCGGA
101 ATATCACAAG AGTTTCCAGA HCTGGTTCGG ATCACCTTC CTGTAATTAA
151 TTAATTATGA GAAGAAACAG ACAGTACAAT AGATCTGATA AGATGTAGCA
201 TTCTTGTTAA GATTAAACAA TACATTTATC MAAYHGTATC AGAACAAATT
251 AACATAATAT TTAATCTTAT MMVCACCAAT AACACAGGA ATTGTTATTT
301 CCAARDGGAG AGTCTTGTTA GAA

ug343 Length: 379 May 30, 1996 10:47 AM Check: 5972 ..

1 GAATTCGTGT TATGTAGCAT ATAAATAATA TAAATTTAAA CATAAAGAAC
51 TTAGTATTTT ATGTGAAGTG AAAAAAATAA AACTAGAATT GTCATATTAA
101 TGGTCTGCA TATCAAAATA TTTTCACCAA GTCTCTGTAA TACATACTAA
151 CAGCATTAGA CACAGGGAAA CAATCAAGAT GATCAAAATC ATAACAAAAA
201 ACTGTATTGC TAACATTGTA ACATTTTATA AGAGTTAATT GAATAGTGAC
251 CAAAGTTCTC CCTTAACCTT TCCATCTGAT GACTGTGAGA TTGTTTTTTA
301 AGTTTGCTGT AAAAGAAGAC TTGCCTTGCC CWMCTATACC TYCAACCAAT
351 CTATAGAATT CAGAGGACCA GGAGGGTAC

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ug344 Length: 63 May 30, 1996 10:47 AM Check: 812 ..

1 GAATTCACAAC AGTTTTGAAA GTAATTAAGA GAAATCACAA ACAGTTAATT
51 CTGTCCCTCCA AAT

ug345 Length: 193 May 30, 1996 10:47 AM Check: 4499 ..

1 GAATTCCTTTT AATACAAGTT ATTGTCGAAG AAATCACTGG AGGAGAGAAA
51 AAAAAATCTT CTTCAWCCCA CAACACTTAA AAAGTAACAC ATGAAAGGAG
101 AAATCTGGTA ACAAGCAGGA TAGACTTCAT TCTAGTAAAA AGAATAATG
151 TTTCAAAACA CAATCTAAAG CAGGCTTCCA TTAGCAAAGA AAT

ug346 Length: 252 June 11, 1996 2:20 PM Check: 6730 ..

1 GAATTCGACG GCCGTTTTTT TTTTTTTTTT TTTTTTTTC TTTTCTTTTC
51 TTTTCTCTTC TCTTCTCTTS TCTTCTCTTC TCTTCTTTTC TTTCTTTCTT
101 TCTTCTTTTT TTGGTTTTTT TCGAGACAGG GTTTCCTTGT ATAGCCTGGC
151 TGCTCGACT CACTCTGTAG ACAGGBGGCT CAAACTCAGA AATCTGCTGC
201 TCTGCTGTTG AGTGCTGGGA TAAAGGCGTG CCACACACTC GGCTGAGAYC
251 TG

ug347 Length: 103 May 30, 1996 10:47 AM Check: 2815 ..

1 GAATTCGGAC AACAACTCCC ACAAGAAGAA CATCTTCGAG AAACCCTTCA
51 GGCTCGCTAC GTGGGTGTCC TTCCAGTSTC CTGGCATAAC CGCATCACCC
101 TGC

ug348 Length: 153 May 30, 1996 10:48 AM Check: 7559 ..

1 GAATTCOCAGA TCCCATTTACA GATGTTGTG AGCCACCATG TGGTTGTTGG
51 AAATTTGAAC TCAAGACCTCT GGAAGAGCAG TCAGTGTCTT TAACCATCTC
101 CCCAGCCCAT GTCTTACATG TTTTATTAAA TGAGGAACGA TAGTGTGGTS
151 ATT

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ug349 Length: 337 June 11, 1996 2:20 PM Check: 2378 ..

1 GCGTTAGGCG AGCAGCGCCT GCGTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTGTCGTGCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTCGGCCAG TCGGTCGAGC AGCGCCCGCT TGTTCCTGAA
151 GTGCAGTAA AGCGCCGCGT GCTGAACCC CAACCGTTGCG CCAGTTTGGG
201 TGTGTGTCAGA CCGTCTCCCG ACCTCGTTCA ACAGGTCCAG GGCBBGAOGG
251 ATCACTGTAT TCGGCTGCAA CTTTGTCAATG CTTGACACTT TATCACTGAT
301 AAACATAATA TGTCACCAA CTTATCAGTG ATAAAGA

ug350 Length: 281 June 11, 1996 2:20 PM Check: 8219 ..

1 GAATTCCTTTT TTTTTTTTTT TTAAAGACT TATTTATAT TAAATATAAG
51 GACACTGTAA CTGTCTTTAG ACACACCAGA AGAGGGTGTC AGATCTCATT
101 ACCAATGGTT GTGAGCCACC ATGTGGTTGC TGGGATTGA ACTCAGTATC
151 TTCAGAAAGAG CAGTCAGTGC TCTTAACCACT TGAGCCAACT CTCAGCCCC
201 CCAAAAGACA GCCAGCATTA CACTGAGCTT AGAGOCAGCC TGTTTATGTA
251 TCAAGTCTGT GTCTCAAAAT GAAAAGTGAA A

ug351 Length: 262 June 11, 1996 2:20 PM Check: 8183 ..

1 GAATTCCTTC AACTCCAATC TCTGACTTTR CTCATTGCTT CTCAGCTTCA
51 AAATGCAAGC ACAGACTACA GCTAACTGAG AACTGGCTCC ACTCAGGGGC
101 TATGGCGCAG GAGCCCTGAC GCATGCTCC GCVGCTGCCC CAGGCTCTTA
151 CCAGCAGGTA GTGCTGGCGG TGTTCAGCTG CTGCTCATG CTGGGCAGGC
201 TCTKCTGCCT GTGCAACATG TCTGACGGAA GTTAAGGCCT CCAGTCTAAC
251 AAGGTTTCTC AC

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ug352 Length: 399 June 11, 1996 2:20 PM Check: 3974 ..

1 GAATTCGGTTT TTTTAAATGG CTTTTGTAA CATCGCTGCA GGAAGGGGT
51 TTCTTTGTTT TCTTTCTTT CTAAGAGAAG GTATCTCCCT GGTGCAATAG
101 CTCGGCACCG CCGGGGGGG CCTCTCGACA CACCCAGCC CTGGGTCCT
151 CTGGCCTCCA AATCATTCAG GATGGTGAGG GAGGATGGGA AGGAGGGGG
201 AGGGGGACAG GTAAATCGCA TCTGCGCCA CTCTCTCTC TACCTCCTT
251 TGGAGAACCA GCCAGCCTGG ACCACTTCT CCATCTTAGG ACAAATTGAG
301 GCTCCTTGCT CTCATCTGTG CTCAGAGAA TTCCTTTCCC TCCHGGGTC
351 TGTCTGGTTC TCAGCAGGT TCCAGGCCA CTGTGCAGTG GCATCTAGC

ug353 Length: 632 May 30, 1996 10:48 AM Check: 6408 ..

1 GAATTCGGGG GAGAAAGAGA GGGAGGGAGA AAGAGAGAGA GAGAGAGAGA
51 GAGATCTTGT TCTCTGGCA CAATATTAAC TGTTTATAAT TAAGCTAAAA
101 ACTGTTCTG GTATTTTATG ACATCAGGA AATTCCTTCC TCTCTAGGCA
151 GATTGCCAAA AACAACTAGA AGCTAAATGC CTGTGCCTTC TGCTTCTAG
201 ACACACCACT CCGTCTTGT CAGTTTCAAC TAGCGTCGCT CTAAAAGGAC
251 AAAAAACTTC TTGTTTTCT AAATAAACA TAAATGGCCC AGAATTGAA
301 TTGCGATCT TAAAAATTTA AGTGACTGAA GATCTATTA ATTCTGGCAA
351 TAAATCATT AAAAAACAAA CAGGTTGCAT AAGACTTTTA AACAAATCAT
401 TCACAGGCAT GAGAATTTAA GGTTCTTTT AAAATATAAA ATGCTAAAA
451 AATAAGTCTA ACAGGAGAAT ATGAATAATA CHATATCTA AGAAAAAAC
501 CCACAAAGAC AAACATGACA TTTTCATTCAT AGCTCATTCA AATAAACCA
551 GGATTAAACC TTAGTTTAA CCTGTTAATT TTCCTTTTTR YTTTAGTAG
601 TCTGATGTC CATGTACGRT ARCCAGAAGG CC

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ug354 Length: 376 June 11, 1996 2:20 PM Check: 6563 ..

1 GAATTCACCG GCTCGACGGC CGCTTTTTTT TTTTTTTTTT TACATAAAAA
51 GACTTTATTT GCAGGGGAGC AGGAATTTAA TCAAACAAGC CAAATCCCAT
101 GTGCTCATCC GACTCCTCGG ACTCCTCCTT CTTCTCATCT TTCTTCTCCT
151 CTGCTGCAGC GGGGGCAGAA CCAGCAGCAG GTGCTGCAGA GCCAGGGGCA
201 GCAGAAACAG CCACAGCCCC ACCAGCAGGC ACACTGGCCA GCTTGCCAAC
251 ACCCTGACGA TGACATCCTC AATGTTCTTT CCATTGAGCT CACTGATGAC
301 CTTGTTGAGC CGATCATCGT CCGCTTCGAT GCCCACTGT CTAGTATTTT
351 CTTGATGTCT TTGGCACTAG GAGAGG

ug355 Length: 348 June 11, 1996 2:20 PM Check: 3983 ..

1 GAATTCRGC GCTTTTDRTT TTTTCATTACG GTAAACAGGA ATATATTTCAR
51 ATGCTAATRC CTCCTTTGAC CAGAAATGGA ACATGCTGAA GGATGAAGAC
101 AAGGATCTTT DVCCCTTGCT TGAGGTACCH GARCTGGTGA CGTTCAGTTA
151 TTCTAACAGT GTCATTCACT CACAGTCATG GCCTGAACCA GAATGTGTGT
201 GTGTGGTAAA AATATCTGTC TTCACAACAG TTTCTGGTGC RTGTGTAAT
251 AGCACATAAC TGCTTTCTRC AGTTTGTDC TTAGACAGTAT AATGTATGTT
301 GGTATATTT AACCCTAATC ATCTCTCCCT CTAACATTGC AACACCCC

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ug356 Length: 468 June 11, 1996 2:20 PM Check: 967 ..

1 GAATTCGCAC TTTTGATGTG TCAATCTCA CTATTGAGGA TGGAAATTTT
51 GAGGTCAAAT CAACAGCTGG AGACACCCAC TTAGGTGGAG AGATTTTGAC
101 AACCGAATGG TCAATCATTT CATTGCTGAG TTCAAGOGAA AGCAACAAGAA
151 AGACATCAGT GAGAACAAGA GAGCTGTCCG CGTCTCCGC ACGGCTCGG
201 AGCGGCCAAG CGCACCTCTT CCTCCAGCAC CCAGGCCAGT ATTGAGATTG
251 ATTCTCTCTA TGAGGGAATT GACTTCTATA CCTCCATTAC CCGGGCTCGA
301 TTTGAGGAGT TGAATGCTGA CCTGTTCCTT GGCACACTGG ACCCTGTAGA
351 GAAGGCCCTT CGAGATGCCA AGCTGGACAA GTCAAGATC CATGATATTG
401 TCTTGGTGGG TGGTTCTACC AGAATYCCCA AGATTCAAAA CTCTTGCAAG
451 ACTTCTTCAA TGGAAAAG

ug357 Length: 381 June 11, 1996 2:20 PM Check: 7467 ..

1 GAATTCGTCT TCAACGGCTT CTGTAAATCT CGGTGACCCC ACAAGGCGTA
51 CTGAAGGAGA TTAATTATCG TACAGAGAGT TACATTCAAT GGAAGAAGCT
101 CCAGTCATGT CAGGATCACA GAGACCTCTT TCTGCACGAG CGTACAGCAT
151 CGATGGCCCA AATACATCCA GGCTCAGAG TGCCCGTCCC TCTATTAAATG
201 AAATACCAGA GAGAACTATG TCAGTTAGTG ATTTCAATTA CTCACGGACT
251 AGTCCTTCAA AAAGACCAAA TACAAGGGTC GGGTCTGAAC ATTCTCTGTT
301 AGATCCTCCA GAAAAAAGCA AGGTTCCTCA TGAATGGCGG GACAGTACTA
351 CGACACATTG AGGCCAAAAA GTTAGAAAAA G

ug358 Length: 239 June 11, 1996 2:20 PM Check: 52 ..

1 GAATTCCTCCG ACTGAGCGG CCGCTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TCCAAGCAAA CCAACACACT TTACTGTGGC GCAGGCTGCC TCAGACTGTT
101 ACTTATTTCA GCCCAAGAAC TAGAAGGACT TGACCAGCTT GGACAGGCAT
151 CTGCTCMGCT CCAGGCTTCC ACGAGTCTG GCACAGAAGG GTTCTCTGAA
201 AAGCTTACCA CAGGAACGTG GTCTCGGCAC ATGCCAAGT

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ug359 Length: 391 June 11, 1996 2:20 PM Check: 9363 ..

1 GAATTCAATG AAACATACAT TCAGAAGCTT TTCTCATCTCT CTTGAACAAC
51 ACAAAGTGAA AAGTGATAAT AATGGTGCAG AAGGTGTAAC AGCTTTTTC
101 TGTAATACAC AGGTAACCTCT CCTCCTAACA GTATTGGTG AAGATGATCA
151 ATCTCAGGAT GTTATAAGAT TGGTCAAGA TGTTAATGAT TATAACOGGA
201 GATTCTCAGG GCAGCCTAGA TCTGTAAGTA ATATTATAGC AGCTACAAAG
251 TCAGAGAGAG CCTTTATACT TTTTGTACAA TCAGATTAT CAACAGCTA
301 TTGAACATG TAAAGTCTTA GTATGIVTCG ACTAAGTTT AACCTTCATC
351 ATTGCCAGTH GCTAGTHHC CAGAGAGCAG AGTTTATCTA T

ug360 Length: 264 June 11, 1996 2:20 PM Check: 3775 ..

1 GAATTCCTCG GCTCGAGCG CCGCTTTT TTAAAGTAGA TTTAGCTTGC
51 GGACCCCTG GTGTGACAGA GAAGGCCAG CAAAGTAAA AGTAGCTAAA
101 AGCTGAGGC TATGACCCA AAGCCTTGC TAACTTCCC TTGCTAACTT
151 CCTCTGACC AGAGTCTCC TGCBCCCAGC AGGAATGAAG CACACTAGCC
201 TTAGAGCAG GTCTGCGCTG TGGGTCTGTG GAAGCCTCCA GCCTTCTCA
251 GCCTCCTGCT AAGG

ug361 Length: 266 June 11, 1996 2:20 PM Check: 7790 ..

1 GAATTCTCG GTCAAACTCC CCACTGGCA CTGTCCCGG AGCGGGTCCG
51 CCCCCGCAC GCGCGGACG GACGCTTGB GCCAGAGCG AGAGCCCCC
101 GGGCTGCCC CCCCCGCTC ACOGGTCAAG TGAACAAACG ATGAGAGTAG
151 TGGTATTCA CCGCGGCC GCGAGGCBGG CGTGCCCGA CCCCAGCGG
201 AGGACGGGC CCGGCCTCC CACTATTCT ACCCTCTCAT GTCTCTTAC
251 CGTGCCAGAC TAGAGT

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102280763860

ug362 Length: 341 June 11, 1996 2:20 PM Check: 6247 ..

1 GCGGTAGGCG AGCAGCGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTCGTCGTCTG GCTCTGGCA CGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTGGGCCAG TCGTCTGAGC AGCGCCCGCT TGTTCCTGAA
151 GTGCCAGTAA AGCGCCGGCT GCTGAACCCC CAACCGTTCTG CCAGTTTGGG
201 TGTGTCAGA CCGTCTACCC GACCTCGTTC AACAGGTCCA GGGCGCAGGG
251 ATCACTGTAT THGGCTGCAA CTTTGTCTATG CTTGACACTT TATCACTGAT
301 AAACATAATA TGTCCACCAA CTTATCAGTG ATAAAGAATC C

ug363 Length: 369 June 11, 1996 2:20 PM Check: 4609 ..

1 GAATTCATTT TATTTGAAGC AACCTTAATC CCAACACTTA TTATTATTAC
51 CGATGAGGG AACCAAACCTG AACGCCTAAA CGCAGGGATT TATTTCTTAT
101 TTTATACCTT AATGGTTCTT ATTHCACTGC TAATTGCCCT CATCTTTAATC
151 CAAAACCATG TAGGAACCTT AAACCTCATA ATTTTATCAT TCACAACACA
201 CACCTTAGAC GCTTCATGAT CTAACAACCTT ACTATGGTTG GCATGCATAA
251 TAGCATTTCT TATTAATAA CCATTATATG GAGTTCACCT ATGACTACCA
301 AAAGCCCATG TTGAAGCTCC AATTGCTGGG TCAATAATTC TAGCAGCTAT
351 TCTTCTAAAA TTAGGTAGT

ug364 Length: 210 June 11, 1996 2:20 PM Check: 4755 ..

1 GAATTCACCA GATGTACAAG CTTAAAGATT TGAAGGGAA ACCTGAGAGT
51 GAACAGAGGA AAGAAAGAAA GAAGGAAAGG AAGAAAGGAA GAAAGGAAGA
101 AAGGAAGAAA GGAAGAAAGA AAGAAAGAAA GAAAGAAAGA AAGAAAGAAA
151 GAAAGAAAGA AAGAAAGAAA GAAAGAAAGA GAGAGCGAGC ATCATTTTCC
201 AAGTTGGTTT

102280.768660

ug365 Length: 396 June 11, 1996 2:20 PM Check: 5481 ..

1 GAATTCGCTT GCTGTGACTG GTCCACAATT CCTTCTTGT CATCACACGC
51 AGCAACCTCG GCCAAGTAAC GGTAGTAGTC ACCCTTCATT TTCAAATAGA
101 AGACTTTGCT TTCGTGGTGC GAASATTGGG GATCAAGAAC TTTTCCAAAA
151 GAGACAGTAC ATCGTTGCAG ATGTACGCA GCTCOGTCTC GATCTTCTCT
201 CTGTATTCTC GAGCCATCTC TGCTTTTCT CAGCACCTTH CGTCTTCTGC
251 TCAATACTTG AGACGACCCT CCACGATGAC CTACGGGCTC CTACAACGTT
301 TTTATAAGCA ACAGAGAGAA GGTTCCTCTC CTCATWCGAC AGCTCAGCTC
351 CCTCTCAGTG ACAGAGTTTA TKCAGGCTGC CATGTCTATCA TATCGC

ug366 Length: 286 June 11, 1996 2:20 PM Check: 5916 ..

1 GAATTCGCGG CTTTTTTTTT TTTTTTTTCC CACGGAAC TG ATATATCAGC
51 ATGGAGAGAA CARTGTCTAT GGCTGCACAA ATCCAGAAAT ACTAGAAGAA
101 AACTAGCCGA AACTTCTTGC TAAATGTGTA ATGTAAC TAT TGATTACTGA
151 CATCCTTCOG TTAAATCCT ATGTGTGAA AATGCAATCT TGGGCAGCCT
201 GGGGACAAAT GTTCAGTGA TGCTTCAAGT TGAATCTGC TGCAATTGGCA
251 TGAGGTTTGG TGAAMCTGCM AAGTCACAGC CTGTGC

ug367 Length: 200 June 11, 1996 2:20 PM Check: 4823 ..

1 GAATTCAGA CGTAGGCAGT ACACAGCAGC AGTTCTGAG TGTCCCTGTT
51 TGTCAACAAC TGGAGGATGG TGAAGTTCTC CAGGACACTG TTTCATCATG
101 AGCGTTCAGG CAGCTGACGG AGCTTGTGCA GGAAATTAAC CAGGTACTCA
151 CACATGGGAG AGCGCASAGA CGGTACACAA AGCGCCGCTC CTCACGCTGG

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ug368 Length: 287 June 11, 1996 2:20 PM Check: 6058 ..

1 GAATTCCTTTC TTCTTTCTCT CTCTCTCTTT TTCTTCTTCT CCTTCTTCAC
51 ATTTTACAGT ATGCATATCT GTCTTAAGTA CAAATAGAAT TAAGTACAAA
101 CAGTATAGGA ATAAATTTGG AATTAAAAGT TTGADCTCTT ACATGGCTCA
151 GTTGGTAGTG CTGCTGTGC AAGCATATAC TAAGCCAGAT ATGGTGGTGT
201 GTGATTGTCA TCTCAGCATT AAGGKGGCA GAGACAGGTG TDCCCTTGGG
251 TTWCSGCTAG TTAGTCGAGC CAGAATTGCA AGCTCCA

ug368 Length: 287 June 24, 1996 7:08 PM Check: 6058 ..

1 GAATTCCTTTC TTCTTTCTCT CTCTCTCTTT TTCTTCTTCT CCTTCTTCAC
51 ATTTTACAGT ATGCATATCT GTCTTAAGTA CAAATAGAAT TAAGTACAAA
101 CAGTATAGGA ATAAATTTGG AATTAAAAGT TTGADCTCTT ACATGGCTCA
151 GTTGGTAGTG CTGCTGTGC AAGCATATAC TAAGCCAGAT ATGGTGGTGT
201 GTGATTGTCA TCTCAGCATT AAGGKGGCA GAGACAGGTG TDCCCTTGGG
251 TTWCSGCTAG TTAGTCGAGC CAGAATTGCA AGCTCCA

ug369 Length: 392 June 11, 1996 2:20 PM Check: 6094 ..

1 GAATTCCTCAA ATGAACTCTC ACTTCTTAGG GCTTGAGTTC CAGAAGTACT
51 GGGGAAAGAC TAAAGCCACA GAAGTGTGA TGGGGGACTG GGGAGATTCC
101 TCAATGGGAG AATTCAGGTC CCCAGGTCCC GGACTTGGCA ATGTGCTTT
151 TAACTGAGAT CCTTGGGGCT GGTGAGACAG AATGTCAGGC TCCCCTGAC
201 CCAGTGGTTC TCAATCTTCC TGTGCTGTGA CCCTTAAATA TAGTTCACAT
251 TGTAGTGACC CCAGCCATGA AATTTTHGTT GCTATTTTAT AACCGTAGT
301 TTGTGTGTAT GAACTGTAAT GTAAATTTGT TTTTCAATGG GTACACAGGC
351 GACCCCCCAA AGTGGTGGGG GCACAGGTTG AGAACCCTG GG

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ug370 Length: 382 June 11, 1996 2:20 PM Check: 8064 ..

1 GAATTCGCGG CCGCTTTT TTTTTTTTTT TTTTATTG TCAAGTATTT
51 ATTTATACCT ACAAAGAAA ACAAGATGGT ATCAAAAGGA CAATTACAA
101 ACTAAGAATA GTAGTAACAT AGCTCTGAGC ATCCTGTGCA TAACATCACA
151 CCTACAATTC AAGTCTCAAT GACAGGAATG TGTGGAGAGA CCAGCAAGGG
201 CGTTAGCAGA GCACTGATCC CAAGCAAAAG CCACCAACCT TTTTATAGTG
251 AGAAGTCTGC ACAATGGATG GTTAGGGAGA AGCAGCCAC AGCCTAACAC
301 CTAGBCTTCC TAAGTGAGTA ACCATAACGG CATTAAACCA GCTGGAAGGG
351 TTGCTGCAC CTGTGCTGAC AAAGGACAGA CA

ug371 Length: 264 May 30, 1996 10:48 AM Check: 9041 ..

1 GAATTCCTCCG GCGCTGGCAC AGAGGACTAG GTGTGAGAGT GTGAGGTCC
51 CACCCACC TTTCTGCGC BGCTCCCTCC CCCGACACA GCCACCTCC
101 GTGCTCACCB BCTGGGAGCT TGTGCTTCT TGTCAAAGB CGTAATTCB
151 GACACTCTCT AGGGGCGAGG GAGCCCTGAT TTACATATTT CTCCBAGTB
201 CBTTCCCTGG TAGGGATTCT CTCTTBGGTT CTGACACCAG GGACAAGAGT
251 BCARACTGGA AAAA

ug372 Length: 337 May 30, 1996 10:48 AM Check: 9759 ..

1 GAATTCAGAA CCAGAAGCCA AARCCATA AAAACAAAA TACTAMCAA
51 TCACTTCCA GCTTAAATG TTTAAATATT GCATGGATCA ATTTAGAGG
101 GGCAATTGTAT GTAAGGCATA CTGTRGCATT TCAGTCACCA AAAGAAACAA
151 TCTTCTAAA TCACTAGCTT CTAGGCTGCD CTCTCAATC ATGTGCTGT
201 CTGCTGCT GTCTGTCTGT CTGCTGTG TAGCCAGAC TGACTGACCT
251 TTGTTCCAC CTTOCAAGTA CTGGTATGAT AAGGTGRCWG RAATTACCTG
301 GCTTAGTCTT TGAAAGTAGA ACHGAGCAAT AGGGAAC

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ug373 Length: 280 May 30, 1996 10:48 AM Check: 3614 ..

1 GAATTCAGCT CACGGAAGAT GTTGCTAAAT TGGAAAGAGA AATGGAGCAA
51 AAACACAGGG AAGAWCTGGA GCAATTGAAG CAATTGACTT TCAAGGACAG
101 TAAGATAGAT TCTGTTGCTG TTAACATTTC AAACCTGGTA CTTGAGAATC
151 AKCCACCTCG GATTTCAAAA GCACAAAAGA GACGGGAAAA GAWGKCTGCA
201 TTGGAAAAGG AGCGGGAAGA AAGGATAGCA GWGKCTGAAA TTGAGAACTT
251 ATCTGGAGCC AGACACCTTG AGAGTGAAAA

ug374 Length: 408 May 30, 1996 10:48 AM Check: 5027 ..

1 GAATTCGTTT TATTGGGAAA TGTATGCAAT TCACTTTCAG TTTTGTAGAA
51 CACCTAGCAA GCATCCAAGA AGACAGCACA CACAGTTTCA AAGGAACAAG
101 GACAGACAAA AGGGCTGGTG GCCATCCAG GGACATTGCC TTGAAAAGTA
151 AGTAAACTGG GTGTCATAAA TAAGACTTTC TTACTTTATA AGAAGGAAGA
201 ATCAAGATCC TGTTTTIGATG TGTATTAAAT ATAAAATATA AAATACTCTC
251 TGACCCAGAC GAGGGTGGRV GAAATCCTCC ATCCAACACC TCAAGTTTCA
301 TGCAATAAAA TCCAGAGGTC TGTGAATCC GCCTVTCGAT YCATGTACTG
351 CCTGTACTYC CTCTTTTGAG ACACGTTGAT GGCATAGGCA TTACAGAGCC
401 GTCTACCT

ug375 Length: 247 May 30, 1996 10:48 AM Check: 4550 ..

1 GCGTAGGCGA GCAGCGCCTG CCTGAAGCTG CGGGCATTCG CGATCAGAAA
51 TGAGCGCCAG TCGTCGTCGG CTCTGGGCAC CGAATGCGTA TGATTCCTCG
101 CCAGCATGGC TTCGGCCAGT GCGTCGAGCA GCGCCGCTT GTTCTGTAAG
151 TGCCAGTAAA GCGCCGGCTG CTGAACCCCC AACCGTCCG CCAGTTTGGG
201 TGTCGTCAGA CCGTCTACCC GACCTCGTTC AACAGGTCCA GGGCGGC

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ug376 Length: 374 May 30, 1996 10:48 AM Check: 2627 ..

1 GAATTCCTTCA TGTGTAAGCA ATACCTACTG GTGATGTGG ATGCCCTGGA
51 GCTGGAGTTA TCGGCATTTC TGATGATCCT ATTTGTAGGC ACAGGGAACA
101 AACTTCTGCA AGAGAAGAAA AGACTCTTAA CTGCTGAGCC ATCTCTCAGG
151 CCCCCAACCT CTCATTTC TGCTAATTAA ACCTTTCCT HMCTCAGCCT
201 TGATTCATGC CCATAATTTA CCTCGACACA TTTCATTCTC AAAGAAATAC
251 CATTACTCCT TAGGGATTGT CTCTTGGATC CTCTGAGAT TGATCGTTAT
301 GAATGTAAAA GCACGGGGG GGGGGGCGAG AAATCACAAC TGTAATTCAT
351 CATCTACCT CTGTCGCTG GAAT

ug377 Length: 381 May 30, 1996 10:49 AM Check: 3113 ..

1 GAATTCCTCC TACAACCTCA TTAAGTGGT ACTCCTTATT ATCAACATTT
51 CCTGCGACT TCTTACAATT GGCATACCTC TCAAGAATGG CATCGACATT
101 CTTTTAGCA GGGAGCTGGA ACAACTGCTT CTGCTCTGTA ACCAAGTCCC
151 AGTCCTCCAC CAGCCACGGT TTAAATTCTT CAGGATCTT CACCTTCACC
201 TCATCCTAC TCTTGAATGC CTCGCTCTC CACAGTGGG TCAGCCCGTG
251 CCTTTTCTT CCGAGGGGGC TGGGGGACTT CACTGGTACH GCCTCCGTCT
301 CCGTGGCAG GAGCCTTCCT TGTCTHCHG GTCTHVGCA CAGAACCGGA
351 AGGARGTTT TCAGCAGAGC GAGCCTCCCC A

ug378 Length: 190 May 30, 1996 10:49 AM Check: 455 ..

1 GAATTCGCTT GCTGGAGAGA GAGCACTCCG CCGGGGTGCG GTGAAGTATC
51 CCAAGATGGC TGGGCGTAAA CTGCTCTAA AAACCATGGA TGGGTATCTT
101 TTGTGGAGGT CATGCCCCAW AACCAGAAGG CAATGGAAAT VCCCTGAAAT
151 CCTGGAATGA GACCTTCAC CCAGGTGGC TAGTCTGTCT

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ug379 Length: 191 May 30, 1996 10:49 AM Check: 8960 ..

1 GAATTCGCAG CTTGAGGCAC AGACGAACCTT CACCAAGAGA GAACTGCAAG
51 TCTTGTACMG GGGATTCAAA AACGAGTGCC CTAGCGGTGT GGTCAATGAA
101 GAWACATTCA AGCAGATCTA CGCTCAGTTT TTHMCTCAG GAGATGCCAG
151 CACATATGCA CATTAMCTCT TCAATCTTCG ACACACCCAG A

ug380 Length: 252 May 30, 1996 10:49 AM Check: 9090 ..

1 GAATTCGCGC TCGAGCGGSC GCTTTTTTTT TTTTTTTTTG GCTGTGTACA
51 CAGGGTGCTT TATTCTCCAC AGAGTGATAC ATGCTAAGGT GGGCTGGGCT
101 TGGYCGATGT BCCCATATGT ACAGAACTGA ATAAAGTGGG TCTCTGAGAG
151 GTCTGAGTCG CCTTGGTGTG AAARGGACAT GGAAGGAGG AGGCTGTATA
201 GACCAGAGTT GTTAGTCTGT GCTGTCTGAC TGGATGTAGG GAGGTAGGCA
251 GC

ug381 Length: 379 June 24, 1996 7:08 PM Check: 7584 ..

1 GAATTCGCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTATCTTTCA
51 AGCTTTTATT TAAGTGCACT GACTTAAGAA TGATTTAAAT CTGTGTAAAA
101 GCAGCCACAT CCATGGACTG TACGTAGTCC TCAAAAGCAG TAATTTGCTC
151 TTCCAGCATA TCCGTCCAA CCTTATCATC TTCAACTACA CACTGTATTT
201 GAAGCTTTTT AATTCATAT CCCACTGGAA CCAATTTAGA GGAGCCCCAC
251 ACCAGGGCAT CTGCTTGAAT GCTTCGGACA CACTCCTCTA GPTTTGTCTAT
301 GTCCGTCTCA TCATCCCAAG GCTTCACGTC TAGTAGGATT GGAAGACTTC
351 GCAACAACTG CAGGCTTTTT AGCTTTCTT

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ug382 Length: 296 June 24, 1996 7:08 PM Check: 6352 ..

1 GAATTCCTGA GAGCAGGTCC TG TAGAGCCT GCGGACAGC ATTACACTCT
51 GCCACAATGC CTCCGACGG TCATCACTG TG CAGGATGA GTCAGGCATC
101 AGGGCAGCCC CACTAATAAT GCTTCCAGG CGCTCCTCCA GGGACGGCT
151 AAAGCGCTCC TYYTGAAGCT CAAGKGTCC ACAATGATTT GTTTATCAAA
201 GTTGTGAGA GGTATCCAG CTCCTCGCCA CTGCCACCT GGTGCTGGG
251 AGCATCATCT GATGCAGTG CCTGGGCTGC ATTAGAAATT TCCTGT

ug383 Length: 296 June 24, 1996 7:08 PM Check: 6342 ..

1 GAATTCCTCA GAACTAAAAA AAATATTTC TTTCTTCTG AATAAAAAAC
51 AGAACAGACA GAACTCTTGT AAATTTCTGAA AACAACTGCG TCGCTACGGA
101 AAATTTTACA GAAATCATCA GGGGGTGTGG GGACCAAGGT GCTGCCCTG
151 CCACGAGCGC CACCTATCTG CAGTCCAGA GGAGGCTTTT AGGGACCAGC
201 ACAGGTGGTG GCAGAGCCTG AATCAAGCTC AGGACGAGC TTCTACCTGC
251 TGCACCAAGA CCCGGTGGC CAGAGGGCAG CCTAGGGTCT YCAGGA

ug384 Length: 299 June 24, 1996 7:08 PM Check: 665 ..

1 GAATTCCTCAT CAGAAAAAA AAAAACTTT GCAGCCAGCT CTAATTGAAA
51 GCATGGAGAT GTGAATAAAG ATGCCTAGGC TTGCTAGTGT GATTAGCCAT
101 CTCTGACCT GGAAATAAGA CCAAAAGGC AAAACAAGAA TAAACCTGA
151 CAGACACCTC CTATTTACAT CCAGCTATGT ACAATTCAT AAATTAAGT
201 TTAACTTTCT GAGCAGTCAT ATTCCACCTA TTACAAAG ATATCAATAA
251 ATTACATAAA TCCTTTGTCC AATGTCTGT BTCCCTTTA TTATATCT

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ug385 Length: 256 June 24, 1996 7:08 PM Check: 7999 ..

1 GAATTCGCG GCCTGGGCT AGTGGCTTAA CAGTAGCGAC AGCAGCAGCG
51 GCGCGGCGG CGGCAGCSAC TTCCCGTGGC GAGCACAGGC CGGAAGCCCC
101 GCACAGGCGA GTAGAGAAAA TGGCAGACGA TATTGATATT GAAGCCATGC
151 TTGAGGCCCC TTACAAGAAG GTGAGAAAAC ACGCTAGTGA GGCTTTAATA
201 TATTTCTTAA TTTAGCATTA TTCACGAAAC TWCTGCTGAA ATGTAAACTA
251 ACCTTC

ug386 Length: 238 June 24, 1996 7:08 PM Check: 4998 ..

1 GCGTAGGCGA GCAGCGCCTG CCTGAAGCTG CGGGCATTCG CGATCAGAAA
51 TGAGCGCCAG TCGTCGTGG CTCTCGGCAC CGAATGCGTA TGATTCTCCG
101 CCAGCATGGC TTCGGCCAGT GCGTCGAGCD GCBCCCGCTT GTTCCTGAAG
151 TGCCAGTAAA GCBCCGGCTG CTGAACCCCC AACCGTTCCB CAGTTTGCTG
201 TGTGAGACCG TCTCCGACC TCGTTCAACA GGTCCAGG

ug387 Length: 348 June 24, 1996 7:08 PM Check: 1181 ..

1 GAATTCCTTG CTACAAGCTG GGACAGCTGC AAGAGGAGTG GCAGAGCAGG
51 CTCCCGTTGT CTCTCAAGTC TTTTCCCCCT GACTAATTGG AATTCATAGG
101 GGTAATTTAT AGAGGGTGTG GGAAGTACAT TTTGTTGCAA CCTGACAGTG
151 ACTGTGAGTT CCTCATTAA CACCATACAT GGGCTCTGTT CTAAGTCTGC
201 TGTGTATCA ACTGTCTAAT TGCTTAATTT GTCTAATTTA GTCTTTAGTG
251 TTCTTGAAGG ATTTAGGTAC CAGTGTAACA TTTAGCAAAT AAGCAAAC TG
301 AGGCACSAAG GGTTAAGACT GCTTAGGAAA CCATAGGCAA TGAGTGGT

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ug388 Length: 241 June 24, 1996 7:08 PM Check: 6695 ..

1 GAATTCGCTT TTCTTGTGT GAACAGTAGT GGTGAGGCCT ATGTTTAT
51 GTGGCTTTAG AGAAACTTC AGTCTTCAAW GAACTCTTCT AATTAGTTCC
101 TTCTTAGAAA AAGTTATGCG TTAATTGT TCAAAATATT TAGGCATTCT
151 TTGAATTATA AACTTGTGAT GCAGGGATT ATGAATGAGA CGTTCACATG
201 TGAAGATGAC TTCACTAWGC ATCTGTGTAA GCAGAATAAG A

ug389 Length: 329 June 11, 1996 2:20 PM Check: 7452 ..

1 GCGCGGATT TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAGTG TCAAGCATGA CAAAGTTGCA GCCGAATACA GTDATCCGTG
101 CCGCCCTGGA CCTGTTGAAC SAGGTGGCG TAGACGGTCT GACGACACGC
151 AAAC TGCGG AACGGTTGG GGTTCAGCAG CCGCGCTTT ACTGGCATT
201 CAGGAACCAG CGGGCGCTGC TCGACBCACT GGCGGAAGCC ATBCTGGCGG
251 AGAATCATAC CCATTGGGTG CCGAGAGCCG ACGACGACTG CGGCCCATTC
301 TGATCGGGA TTCCCCCAGC TTHAGGCAG

ug390 Length: 261 June 24, 1996 7:08 PM Check: 8757 ..

1 GAATTCGCG GCCTGGGCCT AGTGGCTTAA CAGTAGOGAC AGCAGCAGCG
51 GCGGCGGCG CGGCAGCSAC TTCCCGTGGC GAGCACAGGC CCGGAAGCG
101 CACAGCGGAG TAGAGAAAT GGCAGACGAT ATTGATATTG AAGCCATGCG
151 TTGAGGGCCC CTTACAAGAA GGTGAGAAAA ACACGCTAGK GAGCTTTAAT
201 ATATTCTTA ATTTAGCATT ATTCACGAAA CTHCTGCTGA AATGTAAACT
251 AACCTTCCCG G

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ug391 Length: 317 June 24, 1996 7:08 PM Check: 2918 ..

1 GAATTCGTTA GCGCGGCGG CGGGAATCCA GCGCTGGCT GGCTGGCGAC
51 TAGGCCTCTT GCAGAGAATC CGCGGGGAAT CTGAGCCATC CGAGCCGCCA
101 CCATGACGGT GGGCAAGAGC AGCAAGATGC TGCAGCACAT TGA CTACAGG
151 ATGAGGTGCA TCTGCVGGA CDGCGGTATC TTCATCGGGA CCTTCAAAGC
201 CTTTGACAAG CACATGAACT TGATCCTGTG TGA CTGTGAT GAGTTCAGGA
251 AGATCAAGCC AAAGAACTCC AAACAAGCAG AAAGGGAAGA GAAGCGAGTC
301 CTTGGTCTGG TGTTCCT

ug392 Length: 358 June 24, 1996 7:08 PM Check: 3551 ..

1 GAATTCGGGG GATATAGCTC AGTGGTTAAG AGCACTGACT GTTCTCTAGA
51 GGTCTGAGT TCAAATTCCA GCACTATAA CAGTGGTTCA CAGCCATCTG
101 TAATAGGATC CAATGCCCGC TTTTGGTGTG TCTGAAGACA GTGACAGTGG
151 ACTCATATAC ATAAATAAT TCTTAAAAGA ATGTTAAAAA AAAAGAACAT
201 TTATTTTAAA TAAATAAATC AAATTAAAGA ATTATTTTAT CATTTATTAAC
251 TGTGTATATG TGCACGTGAA TGGAGATGCC TATAAAGGCT CATTTGGAAC
301 CGTGGAGCGG GAGTCTTAGA CAACTGTGAG CTGCCATGTA GGCACTGGGA
351 AGTGAAC

ug393 Length: 280 June 24, 1996 7:08 PM Check: 2100 ..

1 GAATTCCTTT GAAACAAAC GACTTATTTA CGGTACTTTT CCTTATAAG
51 AGGAACAGCA GTCTCTAATA ATCACCATAA AGTGAAGTGC TGTTCCTTA
101 ATTTTCTCCA GTTCTTCTA CCTAAGACA TGTTTTTTGG AGACCACAAT
151 GACTTTTGTA TTTAATAATG TAAGTTTCTA TTCAGATAAA ATGATCCAGT
201 TTCAAGACAG GTGAGAAGCC CTATTTAAGT CCAATGGCTC ACAATATGGA
251 CTGAGAACAG GAGACATTTT YCCTVCAAG

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ug394 Length: 252 June 24, 1996 7:08 PM Check: 2359 ..

1 GAATTGGCCT TGTCCCCACA CACGACACAC TGCTGTCCTT TGTCCAGGTA
51 ACTAGGGATA TACCTGACA TGCTGCTTTT CAGGGGACAT TGGCCGTTCT
101 TTCTTTTTCG CTTTCCATCT GGTGACCTGG CACTGTTCCT CTCTGGGTCT
151 GACCCACACT CCACCTTGCT TGGCTTCTGT TCCATTCACT TCAATTCCAT
201 CCAGGATGCT CTCCAGCRCG CCAAGAGACT GGGGTGGGCA CACTGGCCCC
251 CC

ug395 Length: 392 June 24, 1996 7:08 PM Check: 8679 ..

1 GAATTCCTGA GCGGCACTTC ATCGATGATG TACAGATGCC CCTGGGTCTG
51 GTGGTGGCTT CCTGCAGCCA GACAGTCACC TGTATCCCCA ACTGCACCTG
101 GCGAAACTAT AAGGCGGAAG TGCGCTTCGA GCCACGCCCC AAGCCCGCCG
151 TTTCTTCAGC ACCACCATCG TCTACCCCCA GTACCCCCAA ACOGTCTACA
201 CCACCACTCT GGATTACAAC TGCCACAAGA AGCTGAGGAG GTTTCTGTCC
251 AGTGTGGAGC CAGGCCACGG AGTTCTGGG CGGATGGGG TAGCCGATGA
301 ATGTTGACTC AGCTAGCTTG AGGTTGGACC AGCTGTTTAT ACACTGCCCT
351 GGTCCCCAGA CCACCTTGA CAAGCTGGGT AGCATTGCTC TT

ug386 Length: 238 June 24, 1996 7:08 PM Check: 4998 ..

1 GCGTAGGCGA GCAGCGCCTG CCTGAAGCTG CCGGCATTCC CGATCAGAAA
51 TGAGCGCCAG TCGTCGTCGG CTCTCGGCAC CGAATGGGTA TGATTCTCCG
101 CCAGCATGGC TTCGGCCAGT GGTGAGGCD GCBCCCGCTT GTTCTGAAG
151 TGCCAGTAAA GCBCCGGCTG CTGAACCCCC AACCGTTTCC CAGTTTGTCT
201 TGTCAGACCG TCTCCCGACC TCGTTCAACA GGTCCAGG

ug397 Length: 327 July 15, 1996 1:21 PM Check: 5550 ..

1 GAATTCCTTC AAAGTATATA AATAGAAAAA CCTAAATTG AACTGAACAG
51 GTTATTTAAT GAGCAGCAGT AATATATATA TATATATATA TACACATACA
101 CACACACACA CACACACATA CACACAAACA CACCAAAATA CGACAGAAGA
151 AATAACAAAA ACAAAAACCA TTATAAAGC AGTAATATTA GGGAAAAGT
201 CCAATAAGTA AATGTATAAG CAATAAGCAC CCAAGAAATT AAAAACACTG
251 AAAAAACCTC TCAGAAAAGT TCTGTCGCGT TTGTGAACCT TTTTTTTTTT
301 TTTAATCAAA TCGACAACAA ACATTAA

ug398 Length: 380 July 15, 1996 1:21 PM Check: 702 ..

1 GAATTCATTT TATCTAGGTG GACTCTGAAA AATGCTGTAG ATTTTCTTTT
51 TTTTTATTAA TAACAACAAC AATAATATAA AAAGTCAAAC AAAGTCAAAA
101 CACACGTTTT CTCACTCAGA AAAGTTTTTA TAATTTACCA GAAAGATTGG
151 TGACTCTTTC CAAAGTGCTA AAAAAGTTGC CCAATTACAT TAAGCATTAC
201 TAAGTCATTC AAATACAGGT TCAGTGGCAA GCAATGAAAT GCACGGCATT
251 TGAGCAGTAA GCGTCTCCGC CCACCTCCCC TCTGCACGGT CCCACCAGAA
301 GACCTCTTAT TGCACAAGTG ACATGCTGTA AAACCTAGGG TCCTCGTKGT
351 CAGGGACACC CATTACAGGT CTTAACCTGC

ug399 Length: 165 June 24, 1996 7:08 PM Check: 3475 ..

1 GAATTCGGAA AAGTGTCTTA CCTAGATGT TTAGCCATGG TCAAAATTAGA
51 CCCCTGACTT TCTGGAACA AAATATGTAG TTACCTTTTA CTCTGACCAT
101 CATCTCCAC CTGCCTAAGG TACTTAGTCC TTAGTTAGAC GGCCTCTATG
151 CCAGGCCTGC AATTAA

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ug400 Length: 432 July 15, 1996 1:21 PM Check: 805 ..

1 GAATTCAAAG GGAGAAAAAC AAAAGTTCAT GACTGTGATG CCCAACATAA
51 CAGTTC TAGG GCAGGTATGC CAGGGAGCCC CTCCTATGCG CTGTCTCCCA
101 GCTCCACCG CTGGGCAAGG ATCATTTTAA GGATGGGCAG TTCTGGGGCC
151 ACAGACCTTA GTTTTGC GGT TAAAGGGAGT GGGGGGAGG GTGAACAGGA
201 AGACTGAGGA GGGCTCGGG CATGGTGACA AAAAGAGCTA GGCTGCCCTA
251 CCCCCAACTC GATTGTCTAA CAGATAAAAT GCCTGGCCAT AAATATGAAC
301 ACTGATTGAC TGTTGAGGCA GATTGGATCT AAAACTTGCA GGSAGAAAC
351 AAATKGCTGT GACACCCCTG AATTTGGTAT CATAGTATCT GGGGTCCATG
401 TCCTAACTTA GGAGTGGATT CTGTCTAAAA AT

ug401 Length: 323 July 15, 1996 1:21 PM Check: 3598 ..

1 GAATTCCTGA TCTGGAACCA CCAGCCATGC TTCCTTAAGG ACTGGGAAAT
51 GCACGTCCAC TTCAAAGTCC ATGGCACAGG GAAGAAGAAC CTCACCGAG
101 ATGGCAITGC CTGTGTGTAC ACCCGAGACC GCCTCGTACC AGGCGCTGTG
151 TTTGGAAGCA AAGACAACTT CCATGGTTTG GCCATCTTCC TGGGACAGT
201 ATCCCMATGA TGAAACCACT GRGCGTGTGT CCCCGTACAT CTGGTGATG
251 GTGAACAAGG GCTCTCCTGT CGTACGATCA TAGCAAAGAT GGACGATGA
301 GTGAGTTGGC AGGCTGCACG CTG

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ug402 Length: 412 July 15, 1996 1:21 PM Check: 4391 ..

1 GAATTCCTTG CAACCAACAT GAAATAAAAA AAAAAAAAT CTGTAAGCTT
51 AAAGTTTAAT GTGGTAAGCA CAGCATGGCT GAAGAACACC AACTCCOCT
101 CCATGGGTGT CATTGCTGTG TGACCTGTGT GTGTCCTCCC TCACATGATG
151 GCAGGTCATG CGAGAGGCC CCGGTTCCCA TGAATAAGGG GGGGGGGTAA
201 GGTGAATAGG GGACTTGACA ATGCAGGGCT CTCCCTTTC CATCGTCTTT
251 GTCTGTAAC TTTAAGACAA AATTTGAAAT TTGAAGGTAG TCTCAAATCC
301 TGAAGGTTT AAAATTGAT ATAAGATAAA AATGGAAC TTTATTAA
351 ATAAGTACTT TAAACTAACA CTGAATAGTC TAGACCGTTA ACAGAAGGAA
401 AATCTTGTGC AA

ug403 Length: 444 July 15, 1996 1:21 PM Check: 252 ..

1 GAATTCCTCG GCTCGAGCG CCGCTTTTTT TTTTTCTAC TTGCTAAGCC
51 ATATCGAATC ATATGTTTTT CCCCCAAGC AATCAGTTTG CTTTCTCAGA
101 TTTTATTGA AATAAAGGT CCAGGTCATT TCTAGGACTT GGAGGATTTC
151 CTGTAAATCT ACTAAATTAG CACATCAATT AAATTGCCCT AACTGCGAT
201 GTGAAGACA ACAGTGTCCA TTGCTACGGG ATCCTGGGGG TTCTTGCAAT
251 ATAAGTGTTC CTCATGCGT GGCTGTTTC CAAATGTCCA CCTCAAAAA
301 AGTCATCTGT AATCTTGTTA AATTAGAACA CTTCAGTAT CTTTCTGACT
351 TTTACAGTTA AGGTTACAGA ATTGATTTAA TTTATAGTCC ATGGCTCTCA
401 GAGCTTAACA CTAGCAAGAC CCCATGGCTA GAATGCCCC AGGG

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ug404 Length: 433 July 15, 1996 1:21 PM Check: 9175 ..

1 GAATTCATA AAGCAAACAT TGAATAAAGA TGAATAGCA CTGGTAAACT
51 TAAAAAATAA AAAACCAAAA ACGTTCGTG CTCTTTTATG TGTAAGATGC
101 TAAATCAAG TATCTTTCCA GATGGCTCAC CACCTTGAT TATGACAGG
151 TCTTACACTG AACCTAGAGT TTACAATTG GCCAGCTTG TTTGTGGGT
201 ACTATCTCTA CATTCCCAGT GCAAGGATTA CACTTGGGCT ACATATCCAC
251 CCATTTTAA GGGCTGAAT CTGGTTTCA TTGCTGCTA GTGCTTTATC
301 TATTGGACTA GCTCCCCAGC CACACAGTAA GGCATACCTT AAAAGGCTAT
351 CACACCTGTG ATCTAATTCT GATTTCACAG GCTAAGAAGC TATTAAATCC
401 AAGGAACCAT GAACAGTTW AACAAAAATG GCT

ug406 Length: 420 July 15, 1996 1:21 PM Check: 9828 ..

1 GAATTCAAA TTTCTTTCTA TATCTCTTC GATGTACACC ATCTCCACAG
51 ACTTAATTCT TTGAAGCCAG AGACCTGGTA GACTGTGACC CAGTAAAAAT
101 GGCTTTTGCC TTTATGTACA TCAGATCOG GCAGGGCAGT GACATCAACT
151 AACACGGTGG TTTCTTACAA GAGCAACAGG GTGTGTGTGT GTAGGGTGG
201 GACTCCTCTT CCAAGATCC AGCCTTCAGA CTGACAGCTC TGCCCTTTCA
251 TCTACCTCC TGAGCAATCA CACAGGTTTA CCAATGTTTA ACCACATACT
301 TAACAAGAAA GGGCAATCCT TCTGTAAAG TTTCTGTCTC AAGGTAACAA
351 ACATGCCCTT GGATTGGTTT CAGGAGATCA GCTAGGAGC ACCTGTGATC
401 CCCGTCTCCA TTGCTCCAG

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ug407 Length: 317 July 15, 1996 1:21 PM Check: 3762 ..

1 GAATTCCTTG GGGGGAAATC CCCAAATTG GCGCCCATTC TAGAACTCTG
51 GGGAGTTCAA ATTCCAGAGA GAATATATAT TATATATGTC CCCCCAAATTT
101 CCCATCCCTC CAAGCCCCAC GATCTCTAGA AGCCCCAAAT TTCTAATTC
151 CAGGACTTCC CTACCCAAGT AACAGAATCT TCAATCCCC AGGGAATCCA
201 AACTTAAGAC CCCAATCCCA AGCTCAGGAA ACCCAACTAC MAGGTCCTAA
251 GGCTGGGAGG AAGGACCCCTG TTGCCAGGCT CTCAGGGCAT CTCAAACACT
301 GACTACCAGG CACCAGG

ug408 Length: 290 July 15, 1996 1:21 PM Check: 1571 ..

1 GAATTCGAG CGGCCGTTTT TTTTTTTTTT TGTTTTGTT TTGTTGTGTT
51 GGTGGGTGG GGGTTTTGTT TTGTTTTTTC GAGACAGGT TTCTCTGTAT
101 AGCCCTGGCT GTCTCGAAC TCAGAAATCC TCCTGCCTCT GCCTCCCAAG
151 TACTGGGATT AAAGGTATGT GCTGCCACCG CTCAGCAATT WGTATATTC
201 TTATTCCTCA AACTAATCT CTACAGTCAA TTTAGCAAGC TCAAAGATAG
251 CAATGATCCA AAGAAGTACA GACTAGAAGC AGATCAATTT

ug411 Length: 396 July 15, 1996 1:21 PM Check: 4396 ..

1 GAATTCATTT AATTAGAGGT AAAATTACAC ATGCAAACTT CCATAGACCG
51 GTGTAAACCC TTAACATTT ACTTAAATTT TAAGGAGAGG GTATCAAGCA
101 CATTAATAA GCTTAAGACA CCTTGCCTAG CCACACCCCC ACGGACTCA
151 GCAGTGATAA ATATTAAACA ATAAAAGAAA GTTTGACTAA GTTATACCTC
201 TTAGGGTTGG TAAATTTGTT GCCAGCCACC GCGTTCATAC GATTAAACCA
251 AACTAATTTAT CTTCGGCGTA AAACGTGTCA ACTATAAATA AATAAATGAA
301 ATTAAATCC AACTTATATG TGAAAAATCA TTGTTAGGAC CTAUVCAAT
351 AACGAAAGTA ATTCTAGTCA TTTATAATAC CGACACTAAG ACCCAA

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ug412 Length: 373 July 15, 1996 1:21 PM Check: 1326 ..

1 GAATTCCGAA AGATGGTCCT TCTCAGGGCA TCCTGGGAAA CCTGGCTGAG
51 AAAGAAGGTC TGGTCTTTAA AGCTGTCAGC TGCTTGAGA AGTTTACGG
101 GGTTCCTGAC TTCAAATCGA TTTCTGAACA GCCCGTCAGG CTTCCTAGTG
151 TGCTTTTGCT CAAAGACTTC CTCATCCTCC AGTGAGGTCC TGGCGTAGTG
201 GCCAGTGGCA ACGGCATCTG CTCGAAGATT GTCCACAGCA TAGTGATAAA
251 AGCAACTGAA CTTGATATGC TTATTGCAGT TGATGTCGGG GTTTGAGTCC
301 TTCTTTCTCA TACCGRTCAA AAAGTCACTG AACACATCAT TCCAATACTC
351 CTTACATAG GACACCTGGT GGA

ug413 Length: 420 July 15, 1996 1:21 PM Check: 8835 ..

1 GAATTCCAGC AOCIGCGTAS CGCACGTGGT ACGTCCAGGC CACCTGTGCC
51 ACCCAAGGCA CAGGCCTGTA TGATGGGCTG GACTGGCTGT CCCACGAGCT
101 GTCAAAGCGC TAGCCAGCCA GGGGCAGGCC CTGCTGCCC GGAAGCTCCC
151 GCGTGCATCC CGGGATGACC AGACTCCGG ACTCCTCAGG CAGTGCCCTT
201 CCTCCCACT CTTCCTCCCC ACAGACAGGC CTCGTCTCT GCGCGTGGT
251 GCATGCTCTC TCTGTGCTT GGAGCCTGGA GCGTGTCTCT CTGGGCACAG
301 AGGGCTCTGC TCTCTGCTT GCTGGGACCT GTGGATGGGC TTCTGGCCA
351 AGGCCCCCTC TTCCAGGGGA GGAGCAGGGA TCTGGATTTA ATTTGGTTTT
401 GGTTTGGTT TTTTGAATTT

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ug414 Length: 405 July 15, 1996 1:21 PM Check: 1856 ..

1 GAATTCCTCA GTTCTCTCAA ATATACATGC TTTCAAGCAC CTCCCAGGTG
51 TAGTGGCCCG GAGTGAGTTT ACTTCAGATT ATTCATTACA ACTAGCTGTT
101 ATTGTGTTAT AATGCCCTTG TGATTGTACA CTTTGCAATAT GTTACTCTCC
151 TTATTACTCA GAGTATAAAC TGCTGATGT TCTGAATAAA GTTAGCTATT
201 GCATGAGACT TCAGTCTGTC TCATTTAATG GCTCCATTCT CCCAGGTCCC
251 ATCACAGTAA ACAATACATA ATGGATTTTT TTGTTTGTTT GTTTGTTTTT
301 TTGTTTTTTC GAGACAGGT TCTCTGTAG CCGGCTGTC CTGGAAGTCA
351 CTCTGTAGAC CAGGCTGTTT TCCAATCAG AAATCCGCCT GCCTCTGCCT
401 CCCAA

ug415 Length: 446 July 15, 1996 1:21 PM Check: 5480 ..

1 GAATTCGCTG TGGCACCCAT TCATGTAAC TCCTCATTTC ATGTAAACAA
51 AGTTGCTGGT GACTGTGGCT CCTGACCTGT ACGTCTTATT TGGATTTTTT
101 TCTGATAGCC CATCTAAGAA CTGGAATICA CACCCTTTGT GCAGGGCTGT
151 GGTGACTCC TGGTGAGGGG TGGAGTGATT TCTGTGACTT GAGAAGCAAT
201 GGACACAAAT GCTAAGCAGT CTGCTGGGCT CTGCTGTGCT TTAGTGTTCT
251 GTTTTCCTTG ACATGGTGTC CAATCCTGAA TTTATTCACT GCCTTTGGTT
301 CCATTGAAGT CTGAGTCCCG AGCGTCAATT TCTTCTTCAG AACCATCTGT
351 GTTTTCAATA ACTCTACGGC CCCCAGCCCT TCTGGAAGGA ACAATGAAG
401 CCTCGTTTCC HCTCCTGGTG GCTCACTGCG AAGTTTCCTG TGGGGG

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ug416 Length: 464 July 15, 1996 1:21 PM Check: 2445 ..

1 GAATTCGTTT CTCTGGGCC TCGATCTGCC GGATGACATC TTCCATCCAG
51 AGCATGAGGT CACGCACCAT GCTGAAGAAG CGGAAC TTGT CTCTGTGTGTC
101 TACCAGCOGC ACCCTGCGAC CCTCACAAGC ATCCAGCAGG GACTTCCAGG
151 CTCCAGGAC CTCATTCTCA CGTTCTTGA TGTATCAGC CTGTGCCCT
201 GCATAGGCTG CCTGGAGGCG AGCTGCATCC TCTGCAGCT GCCTCACCTG
251 AGTGCCGAGA GCTTGGATGT CGTGCTCAA GGTGTGTGC ATTCTCTGTA
301 AAGTTCCAC AGTGTTTTGA TCTCTCCAA GCTCTCAGG GAGTTTCTTG
351 TGTGTGTCTT GGATTCGGCC AAAGATCTCC TTGGCATCAT GGTAAACTT
401 ATGAAGTTCA TATGAGCASC AAGAATCTGT GTTCTTGTGT CAATGAGCTC
451 CAGGAGGTCA CCCA

ug417 Length: 369 July 15, 1996 1:21 PM Check: 2857 ..

1 GAATTCGTGT GTGTGTGTGT GTGTGTCTGG AGTTTACCTG CTACATCAGA
51 ACGACCCCOG ATCCAGCCA TTGCTGTGG CCTCTCTTA TAGTCAGATA
101 TTGCCTTTGT GTGAACCTG GAACTATTGA AACACTGTG TCTGTGTCTG
151 TTCTGTTTCTG TTGTAATCAC TGTATCATGT GGAGCCACAC AGTCACCTCC
201 ACGGGCTGTA GGAGCGCTT TGTGTCTGT GTCCATACAT GGGACCTTA
251 CTGGAGTAG GCTTAGGTG CATTTGGCTA AGAACAGCG AGTAACACTA
301 GAAACAAAGC TCTGCTGGG TGAGCTGGAG AWCATGGATG CTCTGCCAGG
351 GTGAGCAGGA GAWCATGGA

ug418 Length: 295 July 15, 1996 1:21 PM Check: 8326 ..

1 GAATTCGGAA CCTTAGGCAT TGCACTACAG ACCCAAGGC TAAACCAAA
51 CTFAAAGTGG AAAATCTTAT RGTTTTCCC CCTTGGTCAG ACACAGATAT
101 ATTTGAAGAA TTTCCAAAT TAGAGTTCTC AATTTGGGT ACATCAAGAC
151 TTTTAAAGTA GAATTACGT AGTAACAGAA GAGAAAAATC TGGGACCTTG
201 AAAACAGTAC ATTTCACTC CTTTGGGSTA AAAGTCACCT TCAGTTTAAG
251 GSGGCAATC ACAGAAAACC TCAGCTGGAG CATCTCGTGG CGCAG

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ug420 Length: 391 July 25, 1996 12:09 PM Check: 2589 ..

1 GAATTCCTTT CTTCCTTCCT TCCTTCCTCC TGGCCTTCCT CTTCCTTCCT
51 CTTTTCCOCT TCCTCCTCCT CTTCCTTAGC CTCAGGAGAC TTCACGGGAG
101 ACTTTTCGGC TTCGGTTCC TCCTCCTTT CTCGGCCTCT TCCTTCCTCT
151 CTTTGGCCGA GCGTGCCAAC TCCTCTGCGA TGGCTGTGAG GGTTCCTTC
201 ATTTCTGACT TCTCATCTTC CMCTTAGTT TCTTCGATGA TCTCCTCCAC
251 AAATTTGTGT TGGACCTTGA GCTTGGGGGC CTCGACTTTG GTCTCTTGAA
301 TCTTACTGGA TATTGTGACT GAGGGCTGTC GGTGTGTGTA CAGARGCCCG
351 GTGATGCTTC CTGAAAAATGT GCTAAATCTG GTCTCTTCCC C

ug421 Length: 308 July 15, 1996 1:21 PM Check: 9201 ..

1 GAATTCAGTG AATGGTGGAA ATGCTCTCCA GTGGGGTGTG GAGAGAGCAG
51 GAAGCCAGTG GGCAGGCTGG AGCAGGTGGC TCATGGAAGG GTGGGTTAGG
101 GACCTTCAGC CTGACTTCTC CTGGCGGGGT GGACGTAGGG TGGGCAGAAC
151 CAGGAAGCCC ATGACTTCGT CCATGCTGCC TCCCTTCCTC CCTCCTTACC
201 CAGGGTCCTG CATCCTTCAG SCCCCATGT GGTGCGCCTG CACCCTTGCC
251 TGTCCCACCC GGATGCCATG CACCTGTCCC CGTCACTKGT TCCCTGCTTG
301 GACTGCAG

ug422 Length: 206 July 15, 1996 1:21 PM Check: 9968 ..

1 GAATTCCTCAG CATCATCTCG TAGTAGTTGG TGAGGTCTCG CTCACAAAG
51 TGAAGGTAC GGATAGTGAG GGTCTCAGAA ACAAGGCCGG GGAGGAAGGT
101 GGCAGCTCGG TTGAAGCCA TGAAGAAAGC CATTTGCCCA CATGTAGTAA
151 GTCTCGTCAT GCTGCTGCTT CTCTCCCGAA GCAGATGATC CTTGACCGCC
201 CCATGA

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ug423 Length: 383 July 15, 1996 1:21 PM Check: 9765 ..

1 GAATTCGATG CTCTATAAC CCAAGGAATG CCACGGATTG CCAGCAAGTT
51 CAGAAGTTAA GGGAGATGCT TTTTAGGAT CCTTCCAGG GCCCCTGGAA
101 GAAATCAACT CTGCTGACCC CTTGACATAA GACTTCAGAG CAGTGAATAG
151 TCTCTGCTCT TTTAGACATC TGGTCTGGGG TCCTATATTA GGGTAGCTCC
201 AGCAAACTTG TAACTCCCT GAGCAAGTGG TTGGCACAGA CTTGTTATTT
251 ACTTAATGCA TAGTCCCTT TGTCCTATA TTACATTTAC TACAGTCTCA
301 CATACTACAC TTTACCCATT ATTCATGAGG GTAAACTTGA TGATCACTGT
351 TTATTCAGCA CCTAGACAGA GTTGGGGATC TGC

ug424 Length: 324 July 15, 1996 1:21 PM Check: 1703 ..

1 GAATTCGTG GCTTAGCAGG TCAGAAAGAC GTAAGCACAG ACCATTGGCT
51 ATGGAAGAAG CTGGACTATT AGGAACCTGT TGTAGAAACC CAGGAGAACA
101 TAGAAGACAA ATAAGGGAAA GTTTGGGGGG ATGAAAGAAT AGGGGGGGTG
151 GCAAAGATAG CTCCATGTTT CTGCTCTGA GAACCTGAGG ATAGAAGTTG
201 CCATTCAATTG TCGTTGAAAG ATGGAAGGA TWAAATAAGG GAAATGTCCA
251 GATCTGTTTG GGAGCCTGTT GAACATGAGG AAACCAAGGT GGGGTGTTCA
301 GCCCTGGATG ATCGTAGGAG TCTC

ug425 Length: 296 July 15, 1996 1:21 PM Check: 4086 ..

1 GAATTCCTCG CGTCGGGCT GCGGAGACTA GAAGGAGGAC TCCGGATCG
51 GCTCGGCGCT CGCCTCGCT CGCCATGGAG AAGACCGAGC TGATCCAGAA
101 GGCCAAGCTG GCCGAGCAGG CCGAGCGCTA CGACGACATG GCCACCTGCA
151 TGAAAGCCGT GACGGAGCAA GCGCGCGAGC TGTCCAAOGA GGAGCCAACC
201 TGCTGTCCGT GGSCTACAAA ACGTGTAGG GGGGCCGAG TCCBCCTKGA
251 GGGTCACTCTC GAGCATGAG CAGAAGACOG ACACCTCTTG ATWAGA

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ug426 Length: 210 July 15, 1996 1:21 PM Check: 3907 ..

1 GAATTCAGAG AATACAATCC AATTCAGTGC TACAATTCAT AGAATTCGTC
51 AGTGTMTTCT TGAGACGCTG AGGTTCACTG TTGGCAGTTT CCAGTGGCCG
101 CATGTGCTGC TCAGAAAGGC CAGCGGAGA CAGCTGCCCG GAAGAATTTT
151 CACTGCTGGA AAACGTGCTG CTCCCAAGGA AAGCCCAAGG AAGGCTGGGG
201 CCGTGGSTCA

ug427 Length: 303 July 15, 1996 1:21 PM Check: 3719 ..

1 GAATTCATCA ATTTTGCTAA TGATGTCAA TAAAGATTGG TTGTCAATGG
51 GCAGCACACA GTCTGCATGC TCATTCAGTT CCTTCATGGC CAGCATACTG
101 TTATAAGCG AGGTGATGGC ATCGTCTTCA CTGGAAGGAT AAACCGCTGT
151 CACAAACCGG TACACTTCTG GGAATTCATC TTCAAGAACC TTAAACAGAA
201 ATGTGCCAAG CCCAGAGCCT GTTCTCTCCG CCATGGGAGT GGATGATGAA
251 GAAGCACTGT AAGCAATCGC ACTGCTCTGC CGACTTCCGC AGTTTCTCTA
301 AAA

ug428 Length: 511 July 15, 1996 1:21 PM Check: 8002 ..

1 GAATTCCTTT CTTTCTTTCT TCTTCTTTT TTCTTTTGA AGATTTTACT
51 GCTTTTATGG TAACCCCTC ACTCTGTGGT GTCGAGCTGT CCATCAGCAT
101 CACGTGGGTG AGTCTGGGAT CTACTGACTT GACCTCACCA GTCTCAGTTA
151 TAGACACTTC CATAAGACGG GTGACTGAGT CCTGACGGCT CACAACACCA
201 CAGAGCCATA CTTCCTCTCC TTGGGTTGG TAGACCTTGA CTCTGTGGCC
251 CTGGACACTA TAGGGACCTC GGCTGAAAT CTCTGTAGC TTTTGTGTC
301 TGATCAAAGC ATTAACTGTC TCTCTTAATG CAGCATGTTT TAAAGAATC
351 TGATTTTGAA CATCTGTTCC CATCTGGAAC AGATGCVTCC CATTAGCATC
401 CGACAGGAAA CGAAGCTCTC GATCACAAGG TATTCAACTG GCAACACAGA
451 CCCCAACSCC AGCTTATCTA CTAGGGGGGG TGAAAGTCAG GGHGGOCAT
501 GGGHAACTGG G

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ug429 Length: 269 July 15, 1996 1:21 PM Check: 3383 ..

1 GAATTCCTCCC AATGTACTCT CTATCTATTA TATGTGTGCA TGATTTAAAA
51 ATGGAGGGGG AGGGAGGCAC AATACAAGGG CTAAGAAATG GCTCAGTGGC
101 AAACACATTC TGCATGCAAG CATGAAGACC TGAATTTGAA TTTTCAGAAC
151 CTATGTAAAA GCTGGAGGAA TCGTGTGAGT ATATGTAATC CCAGCACCCC
201 TATGGGGTAA ATGGGAAATG GGACAGGAAG ATTCTGGGAG CTAGAGAGTC
251 ATCTAGCTGR GCATACCAC

ug430 Length: 226 July 25, 1996 12:09 PM Check: 9723 ..

1 GAATTCCTCTG GAGAAGCCTG GAGCTCCACA TGCAGAGAAA TGATCTGTCC
51 TTGTGTCTCG TTCTGATTAA AAACAAAAAC AATCAAATAA AAAACAAAA
101 KGAACAACAA CCTTAGTGTA TGGCATGAGA ATGTGAAAAA ACTAGAGATG
151 ATCAGGGGGA TCTTCAAATG GAGGCAGACA GCCAGTTTCT GAAGAGAATT
201 GCAGTAGCTC GGAAGGCCAG TCACCG

ug431 Length: 220 July 15, 1996 1:21 PM Check: 5309 ..

1 GAATTCGCA AATTCCTTAA GGAAGTGGAA GCAATCATTG TTTACTTTGC
51 TGCTGGTCTG TGTTTTACCA ATTGCAGTTA GTAACAACCT AGTCTAGGCA
101 TTTATGTGCT ACATGAATAT AACCAACGT GAGAAAAATAG AAATCGCAAT
151 TTTTGAGAAC TATTTTTTTT TAAATTCAT AGGCAGGCTT TAAAAATAA
201 AACCAAGTGG TCACTTTGAC

ug432 Length: 344 July 15, 1996 1:21 PM Check: 8505 ..

1 GAATTCGACA TAGGGAACAG GCCATCCAGA CAAGGAGTGA GGTGGAAAT
51 TTTTGTATTT AGAGTCACAT GTAAATTTTA AAGCTCAAAA AAATAAATA
101 GTAACCTCAT GAAAAAATG AGTGCTTTGG GGTGGGGTA GGGGATAAGA
151 AAGAAAATCA GTGAGGGGCG AATGCCCAAT TATCACTTAG CATCTCTTAA
201 ATAATTTCCA CTGGAGGCAG GGTATCTTTT CCAAGAGAT GAGCCCCATT
251 GGATGGATTT GTTACAGTTT TAAGTGATTA AAATCGGGAC TTTACAGTAC
301 ATTTGTGGGK CTTTACTAG TTTTTAGAGT GGTGTTKGC AAAT

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ug433 Length: 66 July 15, 1996 1:21 PM Check: 4405 ..

1 GAATTCCAAA TTCCCTTTGA GCCAGGTATG AGCTCATTTT YCTACAAGCA
51 TCCAAWGGTC TTCTTC

ug434 Length: 50 July 15, 1996 1:22 PM Check: 9889 ..

1 GGRATTCGTG AGCCOGAAGC CTAAACTAAG GTACAAACGG CTTAGGCCTA

ug435 Length: 101 July 15, 1996 1:22 PM Check: 9687 ..

1 GAATTCCAGA GGGGAAGCCC GAAAACCTGC TGTGCTTCCT GGAGTTGGCA
51 TGGCGGCTCG CCCASGGGGC TCCTCGCACA GACTGACTGG GGAGGGTGAG
101 T

ug436 Length: 213 July 15, 1996 1:22 PM Check: 8451 ..

1 GAATTCCTGG GGCTCTGAGG ATCCCTTTTC TTCTCTTCC ACTTTGACCT
51 CTGTTAAGGA TYCACTGCA TCCSGAAAH TGCCACATTC TGCCACTCAA
101 AATTTGCATC ATTTGGGAG GSAAWTTTTT CATCTATGTC TTCACTGAGA
151 GAGTCATCTA GATCAGACGT GGSAGAGGA ACCCAGAACC AACGAGCKTY
201 ATGTTGGCCT CAT

ug437 Length: 188 July 15, 1996 1:22 PM Check: 8740 ..

1 GAATTCGAAA GAGGGAAGAA TGAAGCCTGA GCTGAACCCCT AAATAATATG
51 TCAGAAAATG ACAACTTGCC TCCCTCTAGA CTATTTCATT TGAAAGATT
101 GCTAGGTTAC ATTAGGCTT GGGATAGATT TTCTCGGGAA TGGGGSCTTA
151 ACCCMCMGAC TTAAAAAATG SCCCCGSTTC MCAGTTCT

ug439 Length: 184 July 15, 1996 1:22 PM Check: 7035 ..

1 GAATTCCTTT TTTTTTTTTT AAAAAAATAG TATGTATAGT GTGTGTACAT
51 GTGTATAAGC TCAAGTAAGA AAGCCAGAGG AGACTGGSCT TGTCTGTTCT
101 GCTCTCCACC ATTAAGCCCT TGAGACAGGG TCTCTCACTA TAOCCTGATC
151 GATAGCCAGC AAACCTCAGT AACCTTACAC CCAG

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ug441 Length: 319 July 15, 1996 1:22 PM Check: 7931 ..

1 GAATTCGAGT AGATTCCAG TGCTCACCAT GAGGGAACA ATGTTACTAT
51 ACCTTTCCCTA TGAGGAAAGC CGGATAAAGC TAGAGGTCCT CTGTCATGTC
101 TTAAACATA GTTTGAGTAG ACAGCAATGC TCTTTACCTA GCTTAGTGTT
151 CTGATGGCAA AATATTGTAT ATTGTGATAA TTATGTCTTA TTTATTTGAG
201 ATTCTTGTGT AAAATTATAA AACAAAAAA ACAATDAAA ATTTTTTTGC
251 TATGCCCTAG ATGTAGGGCT TTTTTTTTCCA ACCAAAGGTC TACAAAAGTT
301 TCTATAGAAA CTGTGATTG

ug442 Length: 401 July 15, 1996 1:22 PM Check: 8476 ..

1 GAATTCACAG AGGGGCTTCG GAAAGGAATG TTTTCTGGAA GTCTTCAC
51 ATAGAGATCA TTGGGATGGG CCTCAAAATT TTGGTACGGT ACAGCCTTGG
101 CTTCGGTCT TCCCAAGGCC TCGGCAAAAT TCTTGCAGAA GAGCTGGTCA
151 ACCATCTTCC TCAGTTTGGT GATTCGAGCG TACCACCTTT CTTCACTCC
201 TGAGGCTGGT TTATCAAGCT GTAATCTTC TCGTGTGAG TTCAGAAGCT
251 CATGTTTCTT AATCACAAG CGGATCCTTT CCTTCCACAG CAATATCTTC
301 TCAAGGCGAG GAATTCGTA CGTCGACGCC TTCTAAAAGG AATCCCTTYA
351 GGAAGYYCTT CTACGTAAAG ATCTTCAACA TGGGACTGGA AAAGAGGGTA
401 C

ug443 Length: 385 July 15, 1996 1:22 PM Check: 7010 ...

1 GAATTCCTGG GATTAAAGGC GTTCAACCAC ACGCCCGGCT CAGGCCAGAA
51 CCTTTACACA TGCTTAACCTA AACTAGTGA AAAATGCATC TTAATAACAA
101 GAAATTCOCA AAATACAACCT CAGAAATTAC TCCACCCCAT AAATGCAGCA
151 AAAAATCATC TGATCTATT TACCAGTTAC TAAGCAAGGT ATAGTGGCAG
201 AGACCTGTAA TTCAGGGGGG CAGAGGATGT CACAAATTCA AAGCCAGTCT
251 GGTCTACATA GCAAGTCTGC CCCAACTCAA TGCAATTCAA AATGACCCCC
301 CTCCCGGACC TCTCAAAACA AAACAAAACA CACAAMACAC AAGGCCACAA
351 CAACTCATTG GTAAAACAAT TTGATAATTT ATATT

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ug444 Length: 391 July 15, 1996 1:22 PM Check: 7325 ..

1 GAATTCCTACT CTAATTTTTT CAAAGTAAAC GCTTCGGGOC CCGCGGGACA
51 CTCAGCTAAG AGCATCGAGG GGGCGCCGAG AGGCAAGGGG CGGGGACGGC
101 GGTGACTCGC CTGCGGGGG ACCGCCGCC CGCTCCCAAG ATCCAACCTAC
151 GAGCTTTTTT ACTGCAGCAA CTTTAATATA CGCTATTTGA GCTGGAATTA
201 CCGCGGCTGC TGGCAACCAGA CTTGCCCTCC AATGGATCCT CGTTAAGGA
251 TTAAAGTGG ACTCATTCOA ATTACAGGGC CTCGAAAGAG TCCTGTATWG
301 TAAHHHAAGT CACTACCTCC CCGGGTCGGG AGTGGGTAAT TTGAGMGCT
351 GCGCCTTCT TGGATGTGGW AGHCGTTTCT CAGGCTCCCT C

ug445 Length: 443 July 15, 1996 1:22 PM Check: 5322 ..

1 GAATTCACACA TCTCAAGAAA CTCAAAGAAT CATACTGTCA AAGACAGGGA
51 GTTCCAATGA ATTCACTCAG GTTCTCTTT GAAGGTCAGA GAATTGCTGA
101 TAATCATACT CCGAAAGAAC TGGGAATGGA GGAAGAAGAT GTGATTGAAG
151 TTTATCAGGA ACAAACGGGG GGTCACTCGA CGGTTTAGAT AATTCTTTTT
201 ATTTTATTATT TTTCTTCCC CTCATCCTT TTTTATTTTT AAAAAAGTT
251 CTTTGTAAAT GTGGTGTCA AAATGAAAT TGAATACTGG CACTCCATCT
301 CTTAGAACAT ATGAATCTA GTGTTCAATA TTCAATTATTG GTTGTTTTTG
351 TTGTGCTGAT TTTTGTGAT CAGACCTCAG CCGCTTAATA CTGCCCTTTT
401 GCCCTTAAAG AGATTTCATG TGTGCACAGA GAGGCCACCC TTT

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ug446 Length: 382 July 15, 1996 1:22 PM Check: 2583 ..

1 GAATTCGATT CACAGTTGCC CCAGAGCAGA GTGTGCCCTT CCACAAAGCC
51 CTAGAGGACT GGCAGTATGA CATGATGCCA GGATGAAGCT GTGATGTGGA
101 CGAGAAGATA GACCGGCTGG AGTGAGGGAG GGAACCTCAG CTGTGGTCAGG
151 CCTTGCAAGT GAGGGCAGAC GGACAGGGTG ACCTGGCTAC TAGACTAGGG
201 TGGCATTTCT TCTGAATGAT CCTGTGGCT TCCCAGAGAA AGGTGGGAGA
251 AATAAAGGAC AGGGTGGGAA GGCAAGGGAG GTGACAGAGC CAGCTCCGTT
301 ATCTCCCCAG GCCTCCACAG CAGGGGTATC TGTCAGTTC ATGCACCCCA
351 GATCTGGGCC CAADCTGAG GGTCCCCACC CT

ug447 Length: 521 July 15, 1996 1:22 PM Check: 8721 ..

1 GAATTCAAAG CAGCTATGGG CAGCAGCCTC CTACTAGTTA CCCCCCTCAG
51 ACTGGATCCT ACAGCCAGGC TCCAAGTCAA TATAGCCAAC AGAGCAGCAG
101 CTACGGGCG CAGAGTTCAT TCCGACAGGA CCACCCAGT AGCATGGGTG
151 TTTATGGGCA GGAGTCTGGA GGATTTTCCG GACCAGGAGA GAACCGGAGC
201 TTGAGTGGCC CTGATAACCG GGGCAGGGGA AGAGGGGGAT TTGATCGTGG
251 AGGCATGAGC AGAGGTGGGC GGGGAGGAGG ACCGTGGACT SGGGTAAGAG
301 CAAAACCTTT CTCCTTTTAT CTAATTTTGT TTCATCCATA GGATTTTCAA
351 TGGAAAGAAG GGAAGTGAAG ACATAAGAAA TTTATCCAC TTTTCATGGA
401 CAATCTATTC SDCAAGCTAT CTCCTAAAC ATGGAAATGT CATTTAAGTG
451 CAGTTTGCTT TTTTCCCTGC CAGTAACCAT TGTGGGCTG GGTGAACAAA
501 GAATGCCTTG AACTAGAGC T

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ug448 Length: 347 July 15, 1996 1:22 PM Check: 4684 ..

1 GAATTCGTTT ATATTCTTAT CCTCCAGGA TTGGAATTA TTTCACATGT
51 AGTTACTTAC TACTCCGAA AAAAAGAACC TTTCGGCTAT ATAGGAATAG
101 TATGAGCAAT AATGTCTATT GGCTTTCTAG GCTTTATGT ATGAGCCAC
151 CACATATTCA CAGTAGGATT AGATGTAGAC ACACGATCTT ACTTTACATC
201 AGCCACTATA ATTATCGCAA TTCTACCGG TGTCAAAGTA TTTAGCTGAC
251 TTGCAACCCT ACACGGAGGT AATATTAAAT GATCTCCAGC TATACTATGA
301 GCCTTAGGCT TTATTTTCTT ATTTACAGTT GGTGGCTCTA TGGAGGT

ug449 Length: 343 July 15, 1996 1:22 PM Check: 1704 ..

1 GAATTCATCG GGAATAGTGG GTACTGCACT AAGTATTTTA ATTTCAGCAG
51 AATTAGGTCA ACCAGGTGCC TTTTAGGAGA TGACCAAATT TACAATGTTA
101 TCGTAAGTGC CCATGCTTTT GTTATAATTT TCTTCATAGT AATACCAATA
151 ATAATTGGAG GCTTTGGAAA CTGACTGTGC CCACATAATA TCGGAGCCCC
201 AGATATAGCA TTCCACGAA TAAATAATAT AAGTTTTTGA CTCCTACCAC
251 CATCATTTCT CCTCTCCTA GCATCATCAA TAGTAGAAGC AGGAGCAGGA
301 ACGHTGAACA GTCTACCCAC CTCTHCCGG AAATCTAGCC CAT

ug450 Length: 386 July 15, 1996 1:22 PM Check: 7567 ..

1 GAATTCGTTT TGGGATAGCA TTGAAATGT AAATGAAGAA AATACCTAAT
51 TAAAAAATAA CTTTAAAAAT TAAAAAATAA AAGGAATGTG TGCTGGCTGG
101 GTGGGTGAGT GATGCTGGGT GGTGGTGGT GGTCCACACC TCTAATCCCA
151 GCTTCGGTA GAGGTGGGCA GATCTCTGAG TTCCAGGCCA GACTGGTCTA
201 TAGAGCCAGC TGCAGAACAA CCAGGACTAC ACAGAGAAAC ACTGTCTCAA
251 AAAACAACAA CAAATGTAT GTCTAGCCTC TTHGCCAAT CTGTACTCTT
301 AACTGTTTGA TAAACTGAGT CATAGAAGAA GCGTGAAAT CTATAATGCB
351 ACACATATGAA AGGACCAGGR AAGGCCAGT CTGCCT

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ug451 Length: 518 July 15, 1996 1:22 PM Check: 9353 ..

1 GAATTCCTTA TGAATATATC TGCATACCTA AATGAAGCTG GACTACAGTG
51 TTCTACGATA TCATCGAAGA TGCACAATCC CCATGTGCTG TCTGGOCATG
101 GTCTTTGCGG ACAAATCAGG TTGACAATTA ATGGGAGCAG CTGTTCAAAC
151 CACGGCAACA CCTTTTCTTT GTAGCTACTG AATATTGAGT GTAAAATATC
201 CGACACTTTA GTCAGTATAT AAACATCATT ATCATCTCTA TCTTGTAGTG
251 ACTCTTCAAC CTGCTGCTCA TAGTCTTCAT CTGTCTTTT AACTTGCCGC
301 AACTCCTGAT TTTTGAAATG TKCTTCAAGC TTGCGCTTCA GGATGCTCC
351 CAGCTCCTCA AAGTGCTCAT TGTGAGGCA CCCGTCTCCC ATGACCTCAA
401 TGCACCTTGC AAAGGAATGC ATGATCTCCG AGAGGACATG TGAGTOGGGC
451 TCTGTGCCGA TGGCCTTGAT GAGAGCMCGC ACATGAAGTG CCACATCTGT
501 GTAAGGTACC SGGACCCC

ug452 Length: 528 July 15, 1996 1:22 PM Check: 8547 ..

1 GAATTCCTCG GCTCGAGCAG CCGCTTTTTT TTTTTTMMWC TTTTAGTGGA
51 CCTGAGAGTT AAATCAAGGG CCTTGTGCAT GCTCACAGTA CACCCACTG
101 CTGAGCTATA TCTOCAGACC CAGAATCTAT TTAGTTTATA AATAACTTCC
151 TAATGCTGT CTAATGATGC ATATCTTAAA TAAGTAAATA TGTAAATAA
201 AACAGTATTC ATTTTAGTTT TAAGTAATAG GCTATCTTGA ATTTTTAGTT
251 TAAGGTAAAT CAATAAAAT TAAGACTATA AATGAATCCT ACTTCTATTA
301 TTTATCATAC TGTATATTGA CTTATGCTTT TATATTTTAA CATTTGCCATT
351 CAAGTCATAT GAATCATGTA AAATTGGCTG CTTTTAATA TGTAGTTTG
401 TTATTTGAGT GGTATTCTAT GTTGCTTAGA TTTTAACTGT GCCATGTGT
451 TTATAGTTTA TATGTTTTTA TCCTGATTAT CTTTTTGTA ATGTGGGAGC
501 TAAGAACTTA AAGAATTTTG AAAATCGA

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ug453 Length: 396 July 15, 1996 1:22 PM Check: 9828 ..

1 GAATTACTGA TTTGTGTTGC TTTAACAACA GCAGACTCAT ACATCTCCTT
51 TTTAGTRGGC TGAACCCGTG ATCTGAATAA TAAGGGATCG ATTGCATCTT
101 TCTTCTTCCC ATGGTGAAAA GACTGCTTTG TGTTTCCGAG TCGTCACTGT
151 CCTGATGAC AATCGTCTCT CCATCAGCAC TGCTCAGGTG THCGTTAGCA
201 AAACCATTTCT GATGTAATGG AGGAGGACT TCCAAGATTC TACACTGCWG
251 CCTGTGCCA TTGTTTCCGA ATGACTTCCA CAGTCTCTTC AACAAAAATAT
301 CGGTCTTGA CATAGGCAAA GATATCATCA CAGATTTTCAT GCAADCGTGA
351 ACACGAGTAA GGTGGTCTAG GTATAAAACG GAATAATTAG TGGTTC

ug454 Length: 388 July 15, 1996 1:22 PM Check: 3759 ..

1 GAATTCCTTTA CAGATGATTG TGAACAACCA TGTGCTTGTT AGGAATAGAA
51 CTCAGGACTT CTGAAAGAGC AGTCAGTGGC ACCATCTCTC CAGCCATGTT
101 TTACCTGTTT ATAAAGTGGG GCTGTGTATT TAGAAGGGTG AACACAGTAG
151 AGAGAGTATG TTTCTGCGTC CTGGGCATTT GTGAACTAGA TGCCCAGCGG
201 CTGGTCTCC TCCATCCCTT CCTTCTGTGT TCAGTCAATT CTAGGTAGTA
251 TGGCATTTTT AAGTCCATGT TTTTATGTTT TCTGGTTAAT GGTTATCCTT
301 CAGATGGTAA TTCTTACCCT TGTATTTGGG CAGAGCAAAA AGGCTTTGGC
351 TCTAGACTGG CCAGCAGTTT ACCTGGATAA RGGTACTT

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ug455 Length: 420 July 15, 1996 1:22 PM Check: 7443 ..

1 GAATTCCTGG GGTAGTGAG GTCAACTCC TCGAGTCGT AGTCGAGAG
51 GATCCACGGG AAGACAGGGT ACTGCATGAG GTCATTGTAA GATCTGCCTG
101 CCAGCGTGT CAAGTGCATC AAATACTGGA AGTTGCTGAT TTCACCTCTC
151 TCCCATCTCT GAGTCACAGA CTCTCTCCA ACCAGAGTGC TGAGTAACCC
201 AGACCCCTTGT TCCCACTGG TGTTTGGTCT CTGTCCGAC ACAGACTCCG
251 AGCTGTCCGT GAGAGAGGGC ACAACTGCCA GGAACCTTGT GTAGACTTTA
301 TTCCGAATDC CCTTTGAAA AGCCAGGAGG TAGTCCGTC CATCTCCAGA
351 GAAAACCTCA ACAGCGATAG GCTGGAGGAG ATATCTCCIT TTATGCACCT
401 CCTTGATGTC TTCATATGCA

ug456 Length: 367 July 18, 1996 12:14 PM Check: 7428 ..

1 GAATTCCTTTT TTTTAAAAA TGCAATACA AAAGTACCTT TACACAATTT
51 ATAAAAGCAT AATTGATGAT AAAGCAAGTA GGAGTCTCAC AGTCAAGTGG
101 CACGGGGGCT GGGGCCATGA GCAGTCCCTG AACACCAGCT TGGATGTCTA
151 AGTTCCTCAGT GCTGCCTGCC CCCGTCCTCT AGTTTACAGT GAAAAGGCCC
201 ATATTCCAGG CCTTGGTGIT TCTTTTITA AACCTTAAA AACTTGACAT
251 TACTTCTCAT GAAAAAATAA TGAAATAACC CTCCTAAACH ACTGACAAAA
301 ATMATTAATA WWTGACCTT TTTHAMACA ACACAAGCRG ATCAAAAMCA
351 AAGGTCCAA AGGATTG

ug457 Length: 271 July 18, 1996 12:14 PM Check: 4355 ..

1 GAATTCCTCCG GCTCGAGCGG CCCCCTTTT TTTTTTTTT TAAATTTTTT
51 GTTTTTCGAG ACAGGGTTTC TCTTTATAGC CTGTGCTGTC CTGGAACCTA
101 CTCTGTAGAC CAGGCTGGCC TTGAACCTAG AAATCCACCT GCCTCTGCTT
151 CCTGAGTGCT GGGATTAAAG GAGTGCGCCA CCACGCCAG CTATTGGGAC
201 CCCCTTTTCA TTGTAGTCTG GGTACAAAGT ACAGAAGCCC TTGAGGGGCT
251 CTGAACCTGT ACTGCCCCCA G

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ug458 Length: 378 July 18, 1996 12:14 PM Check: 756 ..

1 GAATTCGCAC AGAGCATCTG TACATCCCTC AGAACTCAGA GTGAACATGC
51 TCAGAATCTG GCTCTGACGG GTGATTTGAA GAACTCTGTGT TTGAAGCATC
101 TGACTCATCA ACTGGTTCAA ATGGTCGCAA GTTTCATAT GTCACTCTTT
151 GGGCTAGTTG CTCTAGGGAA GGGCGGCCTA ATAGCAGGTT TCGGAGTGAA
201 ATTCTGAGTA TCAGGAAGCT GCGTCGAAAG ACGTAGAGCT TTCGCAGCAC
251 GAAGCGGAGA AATCGCTCAT GGAAAGGCT ATTTCCGCTG CGTTCAATTT
301 CTTGAGCTT CCTCTGTGCT CTGAGAAAAG TTTGGACCAG AAGTGTGTGGC
351 TCAGGGCCCC TTTTCTTCCC TTCCAAAG

ug459 Length: 459 July 18, 1996 12:14 PM Check: 1420 ..

1 GAATTCOCTT TACTCATATT TATCTOCTTA TTTTAAAGAG ATTTGTTTTC
51 TTTTAAAAAT CTGTGTGTGT CTGTGTGTGT GGAGTGTGTC AGAAAAGGCC
101 AGAAGAGGGT GTCAGGTCCC CTGGGGCTGG AGTTACTGGC TGAGGTGAGC
151 TGCCTCAAAC AGGGCTGGGA ACTGAATCA GGTGTCTCGC AGAAACAGAA
201 AGTGTCTTTA ACTACTGAGC CACCTCTTTR GCCCTCTGCC AATGTTTAGT
251 CTAACCACTA TTTCTAAGCT TCTGGTCTTC TGTGTACAGC ACAGGAATAA
301 AAACAACATC TAAGGCTGGR AAARTGGCAC DCACCTTTAA TCCAGCACTT
351 GAGAGGCAGA GGCAGGGGGA TCGAGGCCAG CCTGGTCTAC AGAGTAGTCC
401 AGGACAGOCA TGTAGAAAAA CTAATAATGA TAACAACAAC AACCAACCAC
451 ACCAAACCC

ug460 Length: 135 July 18, 1996 12:14 PM Check: 7182 ..

1 GAATTCGTTG MGTGGTCTCC GAACDCCCCG GAAGCDCCGC AGTCACCGAC
51 GGGACCAGAA GTGGCATGAC AAACAGTACA AGAAARVVCA CTTGGGCACA
101 GCCTGAAGGC CAATCGTTTG GGGGTCTCA TGCAA

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ug461 Length: 326 July 18, 1996 12:14 PM Check: 4991 ..

1 GAATTACTTT GATGATAATC CACACAATAT TGATGTGAAT AAATTAAAGG
51 TGTTAATTTT CAAAGTATAA TTACAAAAAT AAAAGTAACA GACTGGAAGA
101 GTATTATTTA ATGGTCTACC AAAGATCTAT AAGCAAGAGT TTTGGGGAAG
151 AAATAACACT ATTTTGTATT TCACATATAT CATTTTAAAC TAAAGCTTGT
201 AATCTCTATT TTTAAAAACA CATTATATCA CTTTCTTTT TTTTTTTTT
251 GGGTTTTWGT TTTTTTTTWC GAGACAAGGG TTTCTCTGTA TAGCCCTGGC
301 TGTCTCGAA TCACTTTGTA GATCAG

ug462 Length: 247 July 18, 1996 12:14 PM Check: 6054 ..

1 GAATTCCTGA GGAGTCCCTG GGTCAATGGC AGCAGAGGAG CTGCGGCCCC
51 AGATCACAGT ATGGCACTCA CACATTTTCA AGCCAGAACT GAACAGAGGA
101 GTTCGTAACT CGGTTTATTC AGCGATATT TTGGCTATAT TCAGTGTGGA
151 TAGCGATGCT TCAGAGCAAA CACAAATCTA TGAGAAGTCA GAGGTAGCTT
201 TTATCATCTG TCTAAAAGGT TTAAGAAAC CACCTTCTGT ATGTGAT

ug463 Length: 302 July 18, 1996 12:14 PM Check: 307 ..

1 GAATTCGATG TGTGCTCTAC ATGCTGGTGG TTTTACCCCT ACCTGCTGCC
51 CATGCTCTTT CCTGCTTCTC GGTAAAGCCG AGCAACAAGG GTTTACAGGA
101 AACCGAGATT CTTCGAGAGG CTCCTCTGGG CTCCTAGTGA GGGACTCAGT
151 GAGCGGGAGC CCTTGAAAAA GAAGACGGCA GAGCTGAAGT GAAAAGCAGT
201 CTCCTCAGGA GGGATGTTCC CTCACCCCTT CACAGCACCA AAGTTTCTTT
251 GCAAAATAGG GTCTGAGCTA CAAAAGGAG GCAGATGTGC TTGTGAATGC
301 AT

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ug464 Length: 310 July 18, 1996 12:14 PM Check: 8917 ..

1 GAATTCGCCA CAGCAGAAAGG GAGGAGACAG CCAAGAAAGA GTGAGCTGAA
51 AGTCAGGCCA GGATAAAGTT CTACCCAGAA GTGCTGAGA GCCATCAAGC
101 CTTGTCCACC ATGATGGGCT CCATCCTTCA AACCATAGCC AGAACAGGCT
151 CTTTCTCTGG TAAGTTGCTT CTGTCAGGAA ATTCACTCTT GCAATGAGTA
201 AAGTTCCTCC TGCACCTGCA GAGGATGGGC AAGCACGGG GAGTCTAGGG
251 GTCATCCAGC CCACCTGCCC CGCAGGBCTG AGCTAGACTG AGTGAGAAAG
301 GGAGCACAAA

ug465 Length: 366 July 18, 1996 12:14 PM Check: 6476 ..

1 GAATTCCTCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTGTGAAAAA
51 GAAACATGAT TCTTTATTGA AGGAACAGCC GCCATACAAA GATCTATTGC
101 TTCCTACACC GCTACACTCA GAAGGAAGCC GAGAAAGCTA CAATAGGGSG
151 MGATGCAGA ACCACAACT GGAAAGCAGA GAGATCCTCT AAGGCACGGA
201 CTGGAGCCTG TTTTCCAGC CTCTATGTCC AGTGCCCTCT TCAGCCACGG
251 GAGAGCAGGG GAAGGCAAGG TTGTTCTCTC CTGACCAGA CACTTAGATT
301 TCCTCTTAAG AAGAAACCAC TTTTCCATCC ACTGATTCCT CCACACTGAT
351 ATGGAATTTG CTGCTG

ug466 Length: 384 July 18, 1996 12:14 PM Check: 9347 ..

1 GAATTCCTTT TCTACAATGG TGCTCACAGA GACCTGCTTA CACTGTAGCT
51 GCTTAATAAA ATCCTTCACT TGCATGACCA TGTCTGAGC AATATTATC
101 TCCAGCTCAG TGTGCTCTCT CTTCATGTTC TGCAGTTGTT GGTGAGCATC
151 CTGAGGTAA ATCCAGAGCT CGGCTTCAG GCTCTTGATC TCCTCCAGC
201 CCTGAGTTAA GTCTGTGCT TGGACCAGCC TTGTTCAAT CAGCTGCTCT
251 GTTGTGTGAA TATCTTTTC TGTGTTTTT ACTGAGGAGT TTGACAAGTC
301 ACACATGGAG CAAAGGAGAT CCAAGTAGGT CCTGGCTGTC TCTTGCAAAG
351 CTCTGAAGTG TTTGACCTGC TTAACAGCTT CTGC

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ug467 Length: 400 July 18, 1996 12:14 PM Check: 7449 ..

1 GAATTCCCTC TTAAAGGCT TTGTCACAAC AAACAGAGTA AAGTTTACCT
51 CCCAGAACCA CCTTTCCAC ATGCAGAGGT AAGAAAATAC CAAAGGGGC
101 CAAACGAAAT GTGGGTGGTG GTGTGACATA GGATAGTGGC AGTCTTCATG
151 CCTAAACAG CCTAGGTAG AGCCAGGTAG AGTGGCAAAC CCTGTAAACC
201 CAGCACTACG GGAGCAGACA GGTGTGAGTT CCAGGCCAGC CTGGGATCCA
251 GCAACACTAA GTCTTAACT ATACATGCGC ATKCKCKCK CACACACACA
301 CDCKCTGTGA AAGGGGCTGA GTAAGGTACA GACCTTTAAT CCCAGCCTGG
351 GGAGGCAGAG ACAGGCCAGC CTGGTTTACA AAGTGAATTC CMGGCCAGTC

ug468 Length: 432 July 18, 1996 12:14 PM Check: 4383 ..

1 GAATTCATTA TCCTTCGCT AGGACGTGC ACTCCCTGAT TGGCTGCAGC
51 CCATCGGCCG AGTTGACGTC ACGGGGAAGG CAGAGCACAT GGAGTGGAGA
101 ACGACCTCG GCACATGCGC AGATTATTG TTTACCACTT AGAACACAGC
151 TGTACAGGCC ATCTTGTAAAC GCGGAATGTG GGCGCGGCTC CCAACATCTC
201 CCCCTTCCT TTTAATAAGA GCAATAGGC CACCCATATT AATGAGAGTG
251 GAGATAGAGG TCAAATCCCG AGTGTGTAGG TAAAGGAGCC ATGTACAGGA
301 TTAGCTCTTA GGCTCACAGG CTTTTACCCA GAGCAACCCG GACCTGCTCC
351 CGTGTGTTT TTCCTGGGG AAGGGAATA GGACACTGAA CCTTCATGAA
401 AGATGACATG TCTCCCTAGA ATAGGCTCAT AT

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ug470 Length: 416 July 18, 1996 12:14 PM Check: 8768 ..

1 GAATTCAAAA AAAACAACAA CATTGGCTTA AGTTCATCCT GATTTCACAT
51 TTA AAAAGAA TACTGGAGCC GGGCGTGGTG GCGCACVCCT TTAATCCAG
101 GTCTCGGGAG GTAGAGGCAG GTGGATTTC T GAGTTGGAGG TTGGCCTGAT
151 CTACAAAGTG AGTTCAGGA CAGCCAGGGC TACACAGAGA AACCCGTGCT
201 CAAAAGAAA AAAA WAAAA AAAAAAAAAA AGAATCATGG GTCAGTGAGT
251 GGAGGTACTT ACCCTAAATC TGGCATCCTG AATTGATTT CCAGGACTCA
301 CTGGTAGAGG GAAACMDCTG ACTCCTGCAA GTTGTCCTTT GATCTCTATA
351 TGTGGTTGT GGCATGTGTA TCCCTGATGG GCAATAATTC ACCAAGTAAA
401 TTAATTAAAA TATAAT

ug471 Length: 434 July 18, 1996 12:14 PM Check: 2036 ..

1 GAATTCAGAG AAGCACACAG CACAATAATC TTAAGCACTA TTGAGGAAAG
51 GAGAGCCCTT GATCAGGCTA CCTTTGGTCT CTAAAGGCTT OCTGAGTACT
101 AGTGGGACAT GAAACTCTC CATTTACTGAG TTGTTTCAGT GTCATTTCTAG
151 CTTCCTGATG AGATGGCATC TAATGGGAAA ATGAACTCGC TTGGCTCCCA
201 CAAGGAGAGG GGAACACTTA GCTGCTGCCT GTCTCTAAAG GCATGACTGT
251 GTAGCACTTC ACTACCCCTT GAACTACTAG CATTAGAATC TAGTTTCAAA
301 AGGAAGAACA AAGGRACCTT CGATTGCTAA CAGTATGTAA AGGTGCAGGC
351 GGTAGCAGGG AGGAGGACTG ATGTGTAGTA GCATGAAATC TGAATGAGG
401 TTTTCATGAG AAGCCACACT AACTTATGAG TCAC

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ug472 Length: 423 July 18, 1996 12:14 PM Check: 5099 ..

1 GAATTCGGCG ATCCCAAGCT TGCCTGGTCC TTTAAGCAGG CTGACAATCG
51 TTCTTTCTTA ATGAAGTGGG TTAATACTTT CTCCTAAATT TCCATTGATT
101 CAAATGAAAA CTTGGTCTGT GTTCCAGGGG TGTAACTCC AAAGAGAGTG
151 TATTAATCT GATTCTTATT TTGTACGTTT AATTTCGGA CTCAGCACT
201 TAGAAGCTGT GACTGGCTGT GTTCTTAGCA TGGCAGGAAA TACTTTCAGT
251 GGATTTAAAA AMVCTGTAGA AACGATGAGT AGTTGAGTCA CTACGCTTT
301 TCAAAGCATG TTAATACTAC CTCAGAAAT AGGTTTGGGT TTAATCAAAA
351 AGCAAACAGC AGTTTGGAGT TAGGGGCTGA AAATGAAAGG AGAAAGGTTG
401 AGAGCTATGA CCCAGCCCGG GCC

ug473 Length: 240 July 18, 1996 12:14 PM Check: 4827 ..

1 GAATTCGGCA GCATCATCCC TCCTGAGGCT TCCGTGACA ATCTGCCAG
51 TCACTGGGTG GATTAGACCA GCTTGCAGAA TTCCAGACAA GTCCATACCG
101 AGAGCTCCTT GAAGTGAAGT GATAGACCA ATCTTAGGGG YGCDGGCACT
151 CACTGGGAAA GGAGATGTGG CTCTGGAGA CCCCCTGAG GAGCAGGAGA
201 GGTCTATAGC TGACTCCCCA TGCCAGCCAT TGAGGACAAT

ug474 Length: 136 July 18, 1996 12:14 PM Check: 7792 ..

1 GAATTCGTTT TTTGAGACAG GGTTTTCTG TATAGCTCTG GCTGTCTCTG
51 AACTCACTTT GTAGACCAGA CTGGCTCGA ATTCAGAAAT CCGCCCGCT
101 CTGTCTCTG AGTGCTGAGA TTAAGGCGT GCACCA

ug475 Length: 267 July 18, 1996 12:14 PM Check: 6880 ..

1 GAATTCGGCG CCGTAGCCAT CATGAATGAC ACAGTAACCA TCCGACCAG
51 GAAGTTTCATG ACCAACCGTC TGCTTCAGAG GAAACAGATG GTCATTTGATG
101 TCCTTCATCC TGGGAAGGCA ACAGTACCAA AGACAGAAAT TCGGAAAAAG
151 CTGGCAAAA TGTACAAAAC CACACCAGAT GTCATCTTTG TATTTGGATT
201 CAGAACCAC TTCGGTGGTG GCAAGACCAC TGCTTKGGC ATGATCTATG
251 ATYCTTTAGA TTATGCA

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ug476 Length: 386 July 18, 1996 12:14 PM Check: 8402 ..

1 GAATTCGTGG TTGTGAGCCA CCATGTGGTT GCTGGGATCC GAACTCAGGA
51 CCTTTGGAAG AGCAGTCAGT GCTCTTAACC GCTGAGCCAT CTCACCGCC
101 CCTACTTGTC AGATCTTTGG AAATAAACT CTCTACTTAT CCCTGAGGCC
151 ATTAGGTTTG CCAGCCAGTG GCTATACCTG ACAAGCCACA GCAATGGTCCC
201 TTATATAACA TGAAGTGGG AACAAATAAT GAGACTACTA AAGGGAGGAA
251 CAAGATAGGG CAATGGTGGC AGGAAACAAA ATTGTTCCAT TCTCTCTAC
301 AAGGGCAATC TAGGTTTAA AACAGTGAGT ATTTGTGTGA AACCAAAAC
351 BGAGAGAAGA AGGGGGTCAG TGAGAGAGGA AAGAGA

ug477 Length: 447 July 18, 1996 12:14 PM Check: 9575 ..

1 GAATTCGTTT CTCTCTCCAC ATACCGTCCA AAAAGAACAT GCATGGTCCC
51 CAGACCAGAA GTAACAACAC TGCTTAAAAA CTGTCTAGAA AAGGACAATG
101 ACCCCACCCC AGATCTACAG AATGAGAAAC TGTCTGGGTT TTAACAGACC
151 AGATAAGTGT GCTTTAACAA GCTTGAGAAC CTGAAGCACA CCATCCTTTT
201 CAGCCGAGAA GCCACGAGGG GGAGTACAAC TTAACAGCCA TGGGTATCTG
251 TTATGCCAAG GTCAAAGGTA GCATCTCTG AGGAGACTCC AGGGAGTACT
301 GGGAAACACA CTCAGAGGAG AAATWACCAC CACAGAGCAG GAGGGAGAAA
351 GAGAAGTAGT GTATTAGGAC ACCAAAGAGA TAGAGTCTCC CAGGATTGAT
401 GCTGGCTTAG AAGCCAGAGC AAAAGATATC CMGTGTTGTT ATCTTTC

ug478 Length: 319 July 18, 1996 12:14 PM Check: 5134 ..

1 GAATTCCTATA AACCCAAATC TCTGCCCAGG GTGATGGGTA CAGGCAACCC
51 CTCTTTGGTC TCCACCTAAC AGCCCCTTTC TCCTGCAGTA TGAAGCACAT
101 TCCTGTCTCT CTGCTCATCT TGCATGCCGA GGATGATCCA GTTTGCGCCT
151 TTCACTCTCGG TAGAAAAGCTA TACAACATTG CTGCACCATC TCGGAGTTTC
201 CGAGACTTCA AAGTOCAGTT TATCCCTTTT CACTCAGACC TTGGCTACAG
251 ACATAAATAC ATCTACAAGA GCCCAGAGCT TCCAAGGATA CTGAGGGAAT
301 TCCTAGGGAA GTCGAACCC

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ug479 Length: 281 July 18, 1996 12:14 PM Check: 7639 ..

1 GAATTCTCGC ATTCTCTCTC CTCGCTCGC TCTCCACCT CCATCTCTCTC
51 CTGCTCTGCC CGGTCCACGT CGTGGATGCC CACCAGGAGA CTGTAATCCA
101 TGATCTTCAG CTGGGCCAGG AACTCAAGT CCGCTTCAG TTTTTCAGG
151 AAGTTCTTTT TGCTCTCTTC TCCACGTGC AGCTTCTGCC CTHGTGTGAG
201 GAAGTCATTA TCTTTGAAAG TTGGCAAGTC CTTAGCCTTT HHCTTGTAC
251 HGCTTCTCTG GCAACAGTGG AACCTTCAG G

ug480 Length: 301 July 18, 1996 12:14 PM Check: 9694 ..

1 GAATTCTTTT TCTTTTCTT TTTTCTCTCT TCTAATCTCT CCCAGGTAT
51 TCTACCTGA CCTTAACCTT TCCTCGGGTT CAAGACCCCT GGAAGGCGT
101 GTATACTTAC CGTTTCTCTCT TGCTCTACT CTCTCTCCC GCTTTACTHC
151 YGATAGACTG TCCTGAATTT CCTCTAGAAT TTTCAGCCCT ATCTTAAGCA
201 CTATATAACA WGTGAAAAGG RACAAAAGG CKTCTAACAC TAGAAAAATT
251 TAAGGCCAAA CATAACTTGT AAAGCCATT TCACCTTAC TTCTGATAGA
301 C

ug481 Length: 391 July 15, 1996 1:22 PM Check: 2589 ..

1 GAATTCTTTT CTCTCTCTCT TCCTTCCTCC TGGCTTCCT CTCTCTCTCT
51 CTTTCCCTCT TCCTCTCTCT CTCTCTTAGC CTCAGGAGAC TTCACGGGAG
101 ACTTTTCGGC TTCTGGTTC TCCTCTCTTT CTCGCTCTCT TCCTCTCTCT
151 CTTTGGCGGA GGCTGCCAAC TCCTCTGCGA TGGCTGTGAG GGTTCCTCC
201 ATTCTGACT TCTCATCTTC CMCTTTAGTT TCTTCGATGA TCTCTCCAC
251 AAATTGTGT TGGACCTGA GCTTGGGGGC CTCGACTTTG GTCTCTCTGA
301 TCTTACTGGA TATTGTGACT GAGGCTGTG GGTGTGTGA CAGARGCCCG
351 GTGATGCTTC CTGAAAATGT GCTAAMCTG GTCTCTTCCC C

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ug481 Length: 280 July 18, 1996 12:14 PM Check: 3767 ..

1 GAATTCGGCT CGAGCAGCCG CTTTTTTTTT TTTTTTTTTT TTTTAAAAATA
51 TACAGATATA TTTATATTAT CAAAAAGTAT CCAAAGTGGG GAAGGGATAG
101 CAGACAGCCA CAGCCTGGGC CTCCTTGCCA GCACACACCA GAAGAGGGCT
151 GATGTCCCA AGTCCAGATG TCACCTGCA GAAGCTTCCC ACGAGCTCCC
201 TTGTAGACCC CCSGGAGTAC GTTCAGAGTG TCACCTTTC CATTTGGGAG
251 CCTGTGGGAA GGGGGTGGC TCCTCCAG

ug482 Length: 246 July 18, 1996 12:14 PM Check: 5133 ..

1 GAATTCOCGG CTCGAGCGGC CCTTTTTTTT TGGGGGGGAG ACGGGGGCTC
51 AGGGTGTGAA CATGAGGTGA GACCTGGCAT GGCAGGGCTG AGTCGTGCCT
101 GCTGTACGCC CCTCTCTGTC CTTCCCGAGG CTGAGGGGGR ACTCAAGCTC
151 CCTTCCCCAG CAGAGCCAC CCACCCACC HGCCTTCAAA GCCCCCTTTC
201 GAGAGTTAAC TGTCCGTGTG AGCGCTCAC TCAACCAATA AGCCCC

ug483 Length: 439 July 18, 1996 12:14 PM Check: 2583 ..

1 GAATTCGTAT TTAAATGAC CACTTCAATG CAGGAACCTG CCGTGCCAGG
51 CACTTAGCAT GCTGGGCATT TGGCTCTCAG CTGTCCAGA CGCTACAGCA
101 GCAGCAGCAC AAGTCTCAGG ATCATCATGA GGCTGAGTCA CAGGAAGAGG
151 AAGACAGAGG GACAGTCAG CTGATGGACA GGCCTGCTGT GTACTGCCCT
201 GTCATGTCCC TGTGCTGTGG GCTCTGAGG CTCTGTACAC GCCCTTCTCA
251 GAGGAAGCAA GGGGGACTCA TTTTACTGTG TCCCAACTTC CCAGATGCAA
301 CTTGAAAATA TTCCCTTAAR VVTGCAACTA GACCAGCAGG CATTACTTTC
351 TTGGACCTCT TAAATCTCAC AMCCATTATG GTGGCCAGGA AGAAACTGTA
401 AACAAAGACA CTTTGACATC CGTTGTGTCAT TGGAGACAC

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ug484 Length: 415 July 18, 1996 12:14 PM Check: 1616 ..

1 GAATTCGTAA TCCACTAATA TTTATGGGTG TTATCACAAG TATAACAATA
51 AGATGGTCAA CTACAAAAA CAATAAACA GTTGCCCAA TAGCAGCGTA
101 CCCCTACGTT AGCACAGCCA GGTATAAGA TCCGTAGCCA CACCAAACTC
151 TACAAC TGAC TGTTAAGTGG CATAACAGTA AATAGAGGAA CAACCCATGT
201 TCAGGGATTA GTGAGAGGGT CCAGATGTTA GAAGCTGCRC CTCCTCCCCA
251 CTCCTGTGAC TCACTCCATC ACTTAATGCA ACTAAAGCGT GTTCTTCTTT
301 CCTTTTCHCT CCTATCTGAC AATGTATGCT GATATTAAAT TGAAGVCAAT
351 AGCCCCAACT GCCTTGAAAA CAAAGAAGTA TTATGAGTTG TTTGAACACA
401 TGGGKATTAA AAAAC

ug485 Length: 61 July 18, 1996 12:14 PM Check: 6732 ..

1 GAATTCGCGC GCTGTCTTCC CGCTCGCGTC AGGACCTGC CCGACTCAGC
51 GGCCGCCATG G

ug486 Length: 393 July 18, 1996 12:14 PM Check: 7716 ..

1 GAATTCCTTCT CGCGTCGCTC TCACAATACA GCTCCCCCTC CACGAAGAAG
51 TAGCCTTTCT GCTTGAGGTT GAGGTTACAG TCGGCACACA CAAAGCACTC
101 GGGGTGCCGG TACTTATCCC GGCCTTGAC GACAGCACCT ACAATACCAC
151 TCCCACACTT GTACAGAGC GGCATCCTCT GGGCACTGCC AGCCCCACCG
201 TGGACTTTTG TAACCGGAGC CCTCACGCTT CGAGTTCCAG CCGGACGCTC
251 ATCAGGCCCG TCATTACCA GATCCTGCAG CACCTGAAG GAGCCCGACT
301 GGCAGGAGC VGCTGGGTCA TCCCGGTGT CATGGAGCAT CGGTACACGT
351 CCGACTGAGG GGGCACTGAA GCGTGGGGT CATTTTGCAG TGA

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ug487 Length: 434 July 18, 1996 12:14 PM Check: 1872 ..

1 GAATTCGGTT TGAATATGCT TGGCCCATGT GAAGTGGCAC TATTAGGATA
51 TGTGGCCTTG TTGGAGTAGT TGTGCTTTG TTGTAGGAAG TGCATCACTT
101 TGGGGGTGTG CTTTGAAGCT CCGCRCAGTG GGAAAGAGAC CCTCCTAGCT
151 GCAGGGGCGA AAGTTTGTTC CTGGCTTCCT TTGGATGAAG ATGTAAAATT
201 CTCAGCCCCCT TCADCGCCAT GCGTGCCTAG ATGCTGCTGT GAGTCCTGCC
251 ATGATGATAA TAGACTAAAC CTCAGAACCG ATAAGCCAGT ATCAATTAAA
301 TGTGTCTCTT TATAAGAGTH GCCTCAGTCA TGGTATCTGT TCACTGCAAT
351 GAAACCCTAA GTAAGACACT AACAGAAACT ATAATCATTT GAGGAGAACC
401 ACAATTGAGA AAATGCCTCC ATAAAACTGG TGTG

ug488 Length: 300 July 18, 1996 12:14 PM Check: 1742 ..

1 GAATTCGAGA GAACGAACTA CCCAGCAGCT CAGTCTAGTC ACCTTTCCCC
51 ATCCCCTACC CCTGCCTGCA GGTGTGTTC ATGTGTCTGA GGAATGTCCC
101 TGCCTCTGGG ATGACATCCA GGTGGTATAA ATGGAAAAGT GACAAATTAT
151 TCCTTTGCTC TAGTGTAGGC ATTGCTGTAA TTAGTAGCAA GTTGGAACTT
201 TAGGAAAAAA AAATCTCACC GGAGTGTGAA GATGCATCTT AATCCTCAGT
251 CTGCAGAGTA AATAAAGTGT CACACCAGTA GCCTDCCCGA GSCCACTTCT

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ug489 Length: 495 July 18, 1996 12:14 PM Check: 6554 ..

1 GATTCAACAC TCCTCGTCCC CATCTAATC GCCATAGCCT TCCTAACAT
51 AGTAGAACGC AAAATCTTAG GGTACATACA ACTACGAAAA GGCCCTAAC
101 TTGTTGGTCC ATACGGCATT TTACAACCAT TTGCAGACGC CATAAAAAATTA
151 TTTATAAAAG AACCAATACS CCTTTAACA ACCTCTATAT CCTATTATT
201 TATTGCACCT ACCCTATCAC TCACACTAGC ATTAAGTCTA TGAGTTCGCC
251 TACCAATACC ACACCCATTA ATTAATTTAA ACCTAGGGAT TTTATTATT
301 TTAGCAACAT CTAGCCTATC AGTTTACTCC ATTCTATGAT CAGGATGAGC
351 CTCAAACCTC AAATACTCAC TATTCGGAGC TTTACVAGCC GTAGCCCAAA
401 CAATTCATA TGAAGTAACC ATAGCTATTA TCCTTTTATC AGTTCTATTA
451 ATAAATGGAT CCTACTCTCT ACAACACTT ATTACAACCC AAGAC

ug491 Length: 393 July 18, 1996 12:14 PM Check: 4538 ..

1 GAATTCGTTT TTGTACTGTT AACATTAA CAATTTTTTT TTTTAATTCA
51 AAAGATTCCA GGCTTTCTTG ACACTATCTT TACTCTTTAT ATACTCAGGA
101 GGTGGTGCTC CAAGGGCAAA GAATATTACA ACWACTTAG CCAATTTAAC
151 TGCTCCAGCT GGAATACAC TCTAAACAGA ACCCCTACAA TCAGAGTCCT
201 ATGGCTCTCT CTGAAGAGCA ATGTAAATCA AACATTAGCA CATTTCTATT
251 ACCTGCTTAA ATGTTGAAG TCTATCCAGT GTCCTCTGTC TCCTCTGGCT
301 AACCCAGGCA CTTTTCTTT CCTCTTCATC ATGCAATTG TCCTCTTTA
351 TTTGTATTGT ATGATGGGCT CTATATTCAT CTTCACTCTG AAA

ug492 Length: 244 July 18, 1996 12:14 PM Check: 2392 ..

1 GAATTCGTGG GTCAGAAGCA GCTTCATGT TAGTCTTGA TTTCTACCTT
51 ACTGAGTTM CTGTTATTAT ACTACATACT CCAGACTAGC TGGACCCCTG
101 AGCTTCTGGC CAGCTCCTCT GTGCTACCC CAACCATGCT GTACGAGTAC
151 TGAGATTACA TACTTGATC ATTGCACCTG GCTCTCACT CGGTCTGGA
201 GWTCAAACTT GGGTTACCG CTTGCAGTAG CAAATGTTTT TACC

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ug493 Length: 164 July 18, 1996 12:14 PM Check: 1060 ..

1 GAATTCGCTA TTTATATATA AGCGATAATA TGGGTTTGTA ACATTAGTTT
51 TAAAAAAGGG AAAGTTTGT TCTGTATATT TTGTTACCTT TTACAGAATA
101 AAAGAATTCA ACATTAGAA CCATGTAACC GAGACACTTG ATCTGACACA
151 GGGGCMGTGG GGAA

ug494 Length: 149 July 18, 1996 12:14 PM Check: 2831 ..

1 GAATTCCTAG GAAGTTAAAA AAAAATAGTT TTGTAATTAA AGTATAAACA
51 AACATAGGCA ATGCACACCT TGTCATCAC TGGAGTAGGA TCATTGGATT
101 CAAATCATAA TGTGGATAGG ATAGGGAGGA TGAATTACCA GGATTCATG

ug495 Length: 59 July 18, 1996 12:14 PM Check: 7284 ..

1 GAATTCGCTC TCTTCGGGT CTCTGAGGGC GGGCACTGCK CTCACCGTG
51 GGCACACAC

ug496 Length: 194 July 18, 1996 12:14 PM Check: 6052 ..

1 GAATCCHTAT TTA AAAAAGA TTGGTCTCA AGATGTTTAT TCAAAATTAT
51 CTTACATACA CGACTCTGAA ACTTCCACA ACTGCATTTT TACCTAAAAA
101 TCATCATAAA CCATTCAATT AAGCTAAATT AACYGGTCTC HGTAGAAATG
151 CTACAAATAC AAAATACTAC CTAGTCYGAT TTTACAAATC AAAT

ug497 Length: 319 July 18, 1996 12:14 PM Check: 4742 ..

1 GAATTCCTCA TGTGTGATA ATTTATCCAT GCATAGCTTA CTATGGCAGC
51 TTTTGTATG TGGTACCATT TACCACTTAC TTTTPTTATT TTATGTATAT
101 GAGTACACTA TAGCAGTCTT CAAACACCCC AGAAGAGGGC ATCAGATCCC
151 ATTACAGATG GTTKAGCCA CCATGCGTTC GGGACCTCTG GAAGAACAGT
201 CAGTCCCTTA ACTGCTGAGT CATCTCTCCA GCCCTGGTT CTCACCTTA
251 AGAAAAA AAA GCACTAGTCT TAGTATCAAC TGTGAAAAAG GTAGATGTGG
301 TTAGTAGTAT TACYGAAAC

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ug498 Length: 278 July 18, 1996 12:14 PM Check: 6183 ..

1 GAATTCGGAT TTTTAAATT ATGTGTATTT GTGTGTGTCC CTATGAATGT
51 AGGTGCGTAT AGAGGCGGA GGTATTGCAT GTCTTGGCCT GACAGAGCGT
101 TGTTTGTGAC CGGCTAGACG TAGGTCCCAT GGCTTGTAGA AGAACAGGAT
151 GGCTCTGTCT CTGTCTCCAG CTCCTTATTA ATCTATGAGG GCTCTATCTG
201 CATGAACACC TACATGCCAG ARRRGGGCAT CAGATCCCAT TACAGGTGGT
251 TGTRAGCCAC CATGTGGTTR CTGGGAGT

ug499 Length: 103 July 18, 1996 12:14 PM Check: 7115 ..

1 GAATTCGAAC CCTCTATCTA CTATCGGAGC CTGAGCGGGA ATAGTGGGTA
51 CTGCACTAAG TATTTTMACG AGCAGAATTA GGTCAACCGG TGCCTTTGG
101 AGA

ug500 Length: 299 July 19, 1996 3:09 PM Check: 9002 ..

1 GAATTCGCCA GTCAAAGTTT GTAAATGGGA TCCCCATGAG AATGACTTCM
51 GTGGAGCAAC CGAGAGAYGC AGAATTCCAA CCCCACTCTA GACTTACTGG
101 MTCAGAGTCT TCATAGGCTC AGCCAGTGA CCCCTGAATG TAGCTGTGTC
151 TGAGGGAGGC TGTTTTMOCA ACTCTTACVC TCCCTCAGTT GGSCAGSCTT
201 TTTTACATTC TTGACTTCTA ATCCCCATA TGGAGACCTC CACCGCCTAC
251 ATTTCTAGGA TGCCTTTCTT CAGTTTCTTT AAAAAAACAA CAAAAAAC

ug501 Length: 289 July 19, 1996 3:09 PM Check: 6774 ..

1 GAATTCGTGA TACCTGGCTC CTAGGTGACG ACCCTCAGGC GTCTGAATAC
51 TTCTCTCTCT TTATTACACA GGCCCACTT CACAATTACC GTTGGTAGCA
101 GACGAGACTA GATCTTCGAG CCCCTGACAA CATACATACT TCAAAGCTAG
151 CAGAATGAAG ATRCVAAATG ACTGTGTGAT AAAAGTATCT TCTGTATCC
201 TGATGATAAA GCATTCCCTC AACTCATAGT TCCTATTATAT GTATAGAGCC
251 TAACTCCTTC ACTGCCCTTT TGTCTATATA AAGTCAGG

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ug502 Length: 305 July 19, 1996 3:09 PM Check: 6081 ..

1 GAATTCCCGG CCCAGCICCG CTTTTTTTTT TTTTTTYCTC TAGGATTTTG
51 ACATTGCTGG TGAGTTTKAC CCAATGATCC CTGATGCAGA GTGTTTGAGG
101 ATCATGTGTG AAATCCTAAG TGGACTGCAG CTGGGGGACT TTCTCATTTAA
151 GGTGAGGCTA GTCTTGTAACA TAATAAAGGA GAAGTTTGAA TTTCGCCTGT
201 GAAATTTGTCT TAGTATTGAT TTAATGAGTC AAGAAATTTA GAGATGGCCA
251 TTGTTTTGAG GGAADGGCAT TGATTGCCAA GGACATAGGT TAATTATATT
301 GRGTT

ug504 Length: 290 July 19, 1996 3:09 PM Check: 5469 ..

1 GAATTCGTTA TCAAAGTGAC ACAGCCACA GGGACAGAG AAGGCCCAAG
51 GACTCTCAA ATTTCAAGTG CATGAACAGT CAGCACACTG ATAACAGCAA
101 GCCTCTAAGG GATTTGTTAA CCTCACTGCC TGATCAGCTA CAAAACTGG
151 ACAGAGATTT GATTATGGTA CAGAGCAGCA TATTTGGGTG ACATAAAAAAT
201 GTCACCAAGT GDAAGCAATT AGAGCATCCC AACCTAAATC CATTTGCAAG
251 TCCTAAGAAT CTACATGAGA AGACTATTGA AAAATATTTT

ug505 Length: 168 July 19, 1996 3:09 PM Check: 7170 ..

1 GAATTCCTCC AATCTMCACC TATACTTMAA AATCATGAAT CTGACTAGCC
51 ATGCCATTGA AAACCACTCA GTACTAGAGG ATGAACCACT TTTCATGTGT
101 ATCAGCCCTG GAAAACGCC CAGCTCCDC CCCCAGACA TTCTATTTTG
151 TTTTAACATT TTATAAAT

ug506 Length: 275 July 19, 1996 3:09 PM Check: 5577 ..

1 GAATTGAGG AATATCAACT TAGTGCTATT TTCACATCGT TCAGTCAAAC
51 TTAGCCAGAG TTCCAACCCC TACTTAAAT TCACTAGAA AGTTACCTAC
101 CAAGTACTAA TTAGCATTAT AAMGTCAAG CCTGCAGCTC CAGGCCCTTC
151 AGTTAGTTGT TTAAGTAGAA GGACAGTCTT AAGCCAGATA CAGTTTCTCA
201 TAAGAAAGTT AAAGAATCCA GTGAAGCAAG TTTTTTCTTT AGCCCTAGAT
251 TCCCGGCAGA CTATTGAGCA TAGAT

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ug507 Length: 113 July 19, 1996 3:09 PM Check: 1242 ..

1 GAATTCCTGG CTGGTCCAG CTGCGTTTC TTCTCHTCTG TTCTTCCTCC
51 TCCTCTTCCT CTTCACTTCC CTGGGCTGCT TTTCATTC AAGAAGCTGG
101 AGTCCATTGG CCT

ug508 Length: 220 July 19, 1996 3:09 PM Check: 7077 ..

1 GAATTCGTAA ATGGCACTGT AAAAGGGCAT TTATCAACAT AACAATGTAA
51 CACCTAACAG AAAAGTGTGA ATTGCGGATC AGAAAAATTC AACGTTTAAT
101 TTGTAAACT TAAAGCTGTC ACTGGATATA GAAAAATAA TTAACCTAGA
151 TTACTTTAAA GATCTACTGT CAGTTAAACC TCCACATATT TTTTSTAAT
201 ATTTAACCAG CTGTCTAAA

ug509 Length: 156 July 19, 1996 3:09 PM Check: 7949 ..

1 GAATTCCTAA AGTGGGAGGA ATGTTAACAC YGCGATAGAC ACCAAGAAAG
51 AGAGTTGGGG GCTAGAGAGA GGCTCAGTGG TTAAGAGCAC GACTACTCTT
101 CCAGAGGTCC TGAGTTCAAT TCCAGCAAC CACATGGTGC TCACAACCAT
151 CTGTAA

ug510 Length: 187 July 19, 1996 3:09 PM Check: 6440 ..

1 GAATTCCTCA TATCACAATG TTAATCCAAG TCCATGACCA TTAACHSGHC
51 CCTCHMCTC CTCTAACAT CAGGTCTAGT AATATGATTT CACTATAATT
101 CAATTACMCT ATAACCCCGG CCTACWCACC AATATCCYCA CAATATATCA
151 ATGATGACGA GACGTAATTC GTGAAGGAAC CTACCAA

ug511 Length: 92 July 19, 1996 3:09 PM Check: 2306 ..

1 GAATTCGATC CTTTGAGCCA TACAACGTGT TTTCGCTTTA AAACAAAGCA
51 GACACTAATA AACCAACGTA TAGATAAAGG ATAGAAGAAT TT

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ug514 Length: 104 July 19, 1996 3:09 PM Check: 6125 ..

1 GAATTCCTGG CTTTTTTTTT TCTCAATT CTTCGTCATC ATCGTCATCC
51 TCGGAATCAC TCCAGGDCWC GTAATTATYC TGATTCTGT TATTGTCACT
101 CAAC

ug516 Length: 366 July 19, 1996 3:09 PM Check: 7425 ..

1 GAATTCGGCG TCTCAGGCT TGTAGGCTGT TTTATGATTC ATGTTTCAAG
51 ATGCTGAAGT TAGGTTCTTA TGTACAGAAA TCGTAGGTGC ACCTGAATTC
101 TGTGAACAGG ATGTCCTGTG GACTTCAGAC CTTAGCCTAA GCTTGTGTG
151 AAAAACATGT CCCCCGTGG AAAAATGCTA TGTCTGGGGA TCTTTACCCA
201 AAGGACCTAA GTTACATTTA TTTAGTTTTT TCTTGAGACA GCTTAGGTG
251 GTCTTTAACT TGCAGCAGTC CTCATACITT GCCTCTTTCA TGCTGGGGTT
301 AAAGTGTGTC TCATCAGGCT CAGACATATT CTTGGGAGGT AGGAAAGAAA
351 GCATGSGGCA GAGAAC

ug517 Length: 447 July 19, 1996 3:09 PM Check: 1651 ..

1 GAATTCGGAG CACTTACCAT CTGCCCTCAG GAATATACCT GCTGCACCAC
51 AGAAATGGAA GACAAGCTGA GTCAACAGAG TAAACTGGAG TTTGAAAACC
101 TTGTAGAAGA GACAAGCCAC TTTGTGAGGA CCACGTTTGT GTGAGGCCAC
151 AAGAAATTG ATGAGTTTTT CCGAGAGCTG CTGGAACAAC GAGAAAAGTC
201 CCTAAATGAC ATGTTTGTCC GGACCTACGG GATGCTGTAC ATGCAGAATT
251 CAGAGGTATT CCAGGACCTC TTCCTGAGC TAAAVCGGTA CTACACAGGG
301 GGTAACGTCA ACCTGGAAGA GATGCTCAAT GACTTCTGGR CTCGGCTCCT
351 GGAGAGGATG TTCCAGCTGA TTAACCCCA GTATCACTTC AGCVAGGAT
401 ACCTGGAGTG TGTAAVCAAG TACACAGACC AGCGAAGCAT TTGGAGA

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10280.2643660

ug518 Length: 372 July 19, 1996 3:09 PM Check: 2278 ..

1 GAATTCATCA GAGGTTGATG TAACCCCTGG TTTAGCTAAA TTTTTCGGTT
51 TAGATTCAAC TTCTTCTCTC CCTCTTTCT TATCTGGTTC TTTTCTTGGC
101 TTCTCTCTCT CCTTTTGGCC TTCTCTCTCT TTTTAAAGCT GCTTTTTAGG
151 TTGTTTCTCC TCTGGTCCCT TTTTMTTACT TTTATCTTCA TCAATAACCA
201 TGTACCCGTC TGAAGGACAA GGCTGCTTTA CCACTTTAGG TCTGCCTCTT
251 GGTTTGGGAA TCTTGACTTC AGTAGCTGCA GGTGCTCCTC TCTTAGGACT
301 TGTCTTACCA TTAGAAGCGG TTGCTGCACT CACCATTCOC GCCTCTCTCAG
351 TGTCTACTTG TTTTTCAGCC TT

ug519 Length: 372 July 19, 1996 3:09 PM Check: 4007 ..

1 GAATTCCTTT TTTTCCCTT TTTTAAATTT CCACAGSCCC TCTGTGTTTG
51 AGACTGTGCC CACTAGTCTG AAGGTTGAGA GGATTATTTT GATTGGCAAT
101 TAAGACACAA GGGGCACCTG GTGGGCACAG CCCCCACCTA CTCTTCACATA
151 TGCAGTTGTC TGCATAATTG TGCAAAATGAG AAAAAAAGA TTTATTCACA
201 AGAAGAAATG TGTAGCGTGT AGAGATGGCT TAATTGAGT TCCTCGGGCA
251 GGCCGGCTCS CTGGGGGCTT TCTTCATCTT CCTTACTGAC CCCCATCACA
301 AAGGGATGAA GATGCCCAGA TGCCAGGGAA GGGCTGCTTG GTCCCTGGCA
351 GGGCCACTGA GCCCCGTCAC GG

ug520 Length: 313 July 19, 1996 3:09 PM Check: 1898 ..

1 GAATTCGGCA TGACCAGTGT CATTGGGCTT GTGAGATGAC CAAGAGTCCC
51 CAGAGTCTCT GGGATAGAGA GCOCTCCATC CTGGGAGTGG AAACCTTATG
101 GTGTGTTATC TAGTTAGCAG GAAATGTTAG AGACCACAGT AGGGACAGGT
151 GAAAGTCTGT TGCCTCACAG GGTCTGACAC TGATGGAGCA GATTGTGTCA
201 ACAATGTGTC ACAGGAATGG AAAGAATGTG CCTGAGCCCC ACCTCCCCAC
251 CCCACCCCAA AAAACCCCAT AAAACCAAAA ATCAAAATAA TGAATAAACA
301 CACACACACA CAC

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ug521 Length: 283 July 19, 1996 3:09 PM Check: 4351 ..

1 GAATTCATTG CCTTGAGATA GGGTCTCAAG TTGAATTTAG AAGTACGTAT
51 TGGATAGGCT AACCAAGCAG TTCTTTTGAT CTCTACCTGG KCCCAACGTT
101 AAGGTGTAGG CCAGCTCAGC CATGCCCTGGC TTTTTCATGG GCACAGGGAG
151 ATCAAGCCC TCATGCTTAC ACAGCAAGCA CCTGTAGAAT TTTAATCCAG
201 CAACATGGCT GCTCCAGCGA GGGATCACAT CCAAAGGCCT TCTAGGTCTA
251 TGTGATCCGB CTGGAGAATT CCACCACACT GGC

ug522 Length: 342 July 19, 1996 3:09 PM Check: 3560 ..

1 GAATTCCTTC AGAAGAGTCA TTTACATTTT TCTTATTTTA TAAAAATRAAT
51 AGTTTAAAAA AAAACCAAAC CACAACAAA ATCACATGTT CACAGTAGAG
101 GGTTACTGTT AGGTTTAAAC ACTGTTCTTC ATGCCGTTTC TGCACCGTAA
151 SAGCAAACAA ATCCACAAC TTAGACACCC ATATCTTGGG GGCTGGAGTG
201 ATGCTCAGCA GTTAAGAGCA CTGACAGCTT TTTGTCCTGA GTTCAAATCC
251 CAGCAATCAC ATGGTGGTTC ATGACCATCC GTAATGAGAT CTGACCCCTT
301 TTTGTGGTGT GTCTGAAGAC AGCTATAGTG TACTTACACC CA

ug523 Length: 373 July 19, 1996 3:09 PM Check: 6241 ..

1 GAATTCGGCG CCTTCCTTTA GAGCATGCC CGGGCCCCCT GAGGAGTCAG
51 CCGCTCACT CCGGCGAGG TCACCAAGC TGATCTTACT GACCTTTTCT
101 GAATCCAGGC CAGTAAGCTG GTCATGGGAT CGCTGGGTAA AGACAATAGT
151 AAAGACGCA TGGGAGCGGC TGCTGGTCTC GTTCATGTTG GTGGCAGCCA
201 CGGTCTTGC CTTATTTCCA CAGTCCATGA GGTGGCAAT GTCTGCATAG
251 GAAGTCACAG CCAGTTTAGA CAGGTCTGC ACGTACGGGC CTAGSATGGG
301 GTGCTCCCGG ACCCGCAGAG AGCCCCACT CTGCGGGTT CAAGAGGTCT
351 CGTACYCCTC GCAATAGATT TCC

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ug524 Length: 474 July 21, 1996 2:38 PM Check: 2400 ..

1 GAATTCGAAG AAGATGATGA TGATGAATAA GTTGGTTCTA GCGCAGTTTT
51 TTTTCTCTGT CTATAAAGCA TTTAACCCCT CTGTACACAA CTCACCTCTT
101 TTAAGAAAA AAATTGAAAT GTAAGGCTGT GTAAGATTG TTTTAAACT
151 GTACAGTGTCT TTTTGTGTA TAGTTAACAC ACTACCGAAT GTGTCTTTAG
201 ATAGCCCTGT CCTGGTGGTA TTTTCAATAG CCACTAACCT TGCTGTGTAC
251 AGTCTGGGGG TTGTAAATTG GCATGGAAAT TTAAGCAGG TTCTGTGTGG
301 TGCACAGCAC AAATTAGTTA TATATGGGGA CAGTAGTTTG GTTTTGTGTT
351 TTGTTTTTTT TTTTCTTCT TTTGGTTTTC TTTTGGGGT TTTATTTTTT
401 TTCATCTTCA GTTGTCTCTG ATGCAGCTTA TACGAAGATA ATTGTGTGTC
451 TGTTAACTGA ATACACTCT GTAA

ug525 Length: 538 July 21, 1996 2:38 PM Check: 5425 ..

1 GAATTCAAAC TAGAACCCAA GTCACAGCAT TTTCCACAT AACTCTGAGG
51 CCATGGCCCA TCCACAGCCT CCTGGTCCCC TGCACTACCC AGTGCTCTAC
101 TGGCTGTGTT GGAAACGGAG TTGCATAAGC TCACCGTCCA CAAGCACGAG
151 GAGATATCTC TAGCTTTCAT TTCTGTTTTG CATTTGACTC TTAACACTCA
201 CCCAGACTCT GTGCTTATTT CATTTTGGGG GATGTGGGCT TTTTCCCCTG
251 GTGGTTTGA GTTAGGCAGA GGGAAATTAC AGACACAGGT ACAAATTTG
301 GGTAAAGATG CTGTGAGACC TGAGGACCCA CCAGTCAGAA CCCACATGGC
351 AAGTCTTAGT AGCCTAGGTC AAGGAAAGAC AGAATAATCC AGAGCTGTGG
401 CACACATGAC AGACTCCAG CAGCCCGGGA CCTGCTGTCT TTCTGCACTC
451 TTAGGGCGTT TCTTTCCATG TTTGGCTGTT GSKTTTAGTT TTGTGAGCC
501 ATGGGTGGBC CAGAACATCA CTCAACTGCA ATTGGGGT

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ugs001.seq Length: 233 July 9, 1997 19:17 Type: N Check: 2639 ..

1 aaagtattgt gttaactcat tagtctggaa aagcaactaa aaaagtttag
51 tgtaaatata atagaatgcc atatttgttt ataaaaaagg aggtggactg
101 tgtgactgac tgtgatacag taggggtggca agggcgaggc agccatcatt
151 acgtgtgagc agcgacctca ctgacactac actgctgaac ccaaacagta
201 gagcagcaga tgcctatcag gagacctgca cag

ugs003.seq Length: 195 July 9, 1997 19:17 Type: N Check: 3478 ..

1 tgccaagtag cctacactgg ctttgcctg gcctcctac attgtctctc
51 tctgtgctca aagtatatga gtctgttatg gatattgctg gctgtaaaac
101 aacataaata atcactttta gtgatatttt tgcatacatg gttgaacaca
151 aaagctttac atgctttgat cagtctggat taattgcgat acatc

ugs005.seq Length: 201 July 9, 1997 19:17 Type: N Check: 2665 ..

1 gcggcccggt tttttttttt tttttttttt ttttttagta gaaatatttt
51 attggtgaga ccccaccatc tgcacaaagt ggtcctggaa tcaagctcct
101 tctccttgga caatgcgata tttcttgagt ggtccataaa tgtttcttct
151 ctcatggctg gagcgacatg caattgagtg gtcatgacta gatttcaggc
201 c

ugs006.seq Length: 188 July 9, 1997 19:17 Type: N Check: 337 ..

1 cgggctcgag cggccctttt tttttttttt tttttttttt tctgactta
51 caacctttta ttagtgaaag tgaccatggg ttcaataaag tgtgattgct
101 ctgctccgct cgctctggga gcagtgttct tttttttttt aattcaagat
151 gactaaaaaa gtcactttca agtgactgtg tgtctgag

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ugs007.seq Length: 227 July 9, 1997 19:17 Type: N Check: 2962 ..

1 gttcatagaa aagtactcaa ttttttactt gcaaagcagt cctgggttaa
51 ggtaagtttt atatgtgtgc actgttacaa agtttgcttt gtagatggag
101 agcccgatac acogtatttg aaaaaaggta gaaagcagaa atgatagatt
151 ctgataccta ggaagttaga tacagatttc agtgatatgt catatgcag
201 gatgagagta aatactatta atatcag

ugs008.seq Length: 90 July 9, 1997 19:17 Type: N Check: 1855 ..

1 gttacacga actttattat tccatgatga aaaaagttgt agttgtgtgat
51 gcattcacat aaattacaat agtgaggat cataaattac

ugs009.seq Length: 199 July 9, 1997 19:17 Type: N Check: 3567 ..

1 caggaaggct gtccacacagg aatataagtg aggacacaaat gttattttaa
51 tatttccagt atgatgtgta gggctgggga ggagggacgg gggaaatggc
101 tcagaagata aaaaaccogt caacaagcct gacaacatga gttcaatccc
151 aggtaggaag aactgactct atagctgtct ctgacatcat gtttgcatt

ugs010.seq Length: 188 July 9, 1997 19:17 Type: N Check: 7984 ..

1 ctggtactgt ggcctccgt gaaatcagac gctatcagaa gtccactgaa
51 cttctgatcc gcaagctccc ctttcagcgt ctgggtgcgag aaattgctca
101 ggacttcaaa acagatctgc gcttcagagt gcagctattg gtgctttcga
151 ghaggcagtt gaggcatttt ggtttgaaga tacaatct

ugs011.seq Length: 174 July 9, 1997 19:17 Type: N Check: 6872 ..

1 gaaacaggag gggtcagtct gtcagaaaaa gttgacagtg aacttaaaac
51 tttagaacaa ttattttcat tttcttctga tgaggaagat cotggctcgt
101 gtggccatga tatctataag aacacctctg ctcccttact gtgttggatg
151 ctacttcgat aaacaagaaa cttg

ugs012.seq Length: 166 July 9, 1997 19:17 Type: N Check: 9395 ..

1 ccgtctaagt gccacgcaca tgactacagc ttgttcacat cctggctcta
51 tccaagctgt ctacacctat ctgccacagc ttcttgggct gcagaccaga
101 ctgtttctgc aggtctgttc ctgcctctct ggcttcactc ttgtaccctt
151 ctccccaata ttctct

ugs013.seq Length: 121 July 9, 1997 19:17 Type: N Check: 7469 ..

1 gcaactaaaa aagtttctgt aaatacaata gaataccata ttctgatata
51 tataaaaaag gaggcggact gcgtgactgc tgtgcatcag tcagggtggc
101 aaggcgagg cagcatcagt t

ugs014.seq Length: 270 July 9, 1997 19:17 Type: N Check: 3392 ..

1 aaagaaaaca ttgtttctta atttgtaacg ttaaagtcctc ctggaactcc
51 tacttctaata gaaaattgca aattagatag agagaaagag agagagaatg
101 aatacatcta tcaatagaac cttgtacatt tatcatgtat aaggctatca
151 atcatatctg aggetagact cttagaatta ctctgagcct attctcctct
201 cggcatgaca ctgatgcaca tatacatagc tgtctacttc ttctagctac
251 tgacttatat atatatgtgt

ugs015.seq Length: 156 July 9, 1997 19:17 Type: N Check: 9263 ..

1 ggtgagcagc gctgcctgaa gctgcgggca ttcccgatca gaaatgagcg
51 ccagtcgtcg tcggctctcg gcaccgaatg cgtatgatcc tccgcacga
101 tcgttoggca gtgcgtcgac agacgcgcct tgttctgaag tgcagtaaag
151 cgcggg

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ugs020.seq Length: 167 July 9, 1997 19:17 Type: N Check: 1949 ..

1 gtggacaaag cgttcccatc gcttacggga gtgtctgccc aagatatcgt
51 tgaacgtgg atctaattca atgttgtact tgtcaatata gtcatataaa
101 tcttctgttc ccagaacctt ggctatcttc accaaactga tcataattgg
151 ctcatgtcca tggaaaa

ugs021.seq Length: 230 July 9, 1997 19:17 Type: N Check: 3441 ..

1 cagctctcca ccattgagct ggacagctgc tgtgaccag gctgctgaga
51 acgccacctc agctctgttg agggagcagg aaggctcacg tccagctccc
101 ctcaggcaca gatctcctgg caatgaaagc gccatctctc cagcaagccg
151 tggagatcg gctgaagatc aggttcataa gcttcggctc aaacttctta
201 aaaattaaag gcaaaaagaa gaaactagct

ugs022.seq Length: 237 July 9, 1997 19:17 Type: N Check: 6282 ..

1 cgetcgcgc tgccttaag gctctcctcg gtgtccacgg ctcctctttt
51 ccttgctttg cagcgatcct actgccagaa attgccatg tctattctca
101 ggcaccagc cagagagatc ttgactccc ttggaatcca ctgttgaggt
151 cgatctgtac accgcaaaag gtctcttgag ctgcggtgcc cagcgtgctc
201 actgactcta cagcctagaa ctgagacat gataaga

ugs023.seq Length: 231 July 9, 1997 19:17 Type: N Check: 1910 ..

1 gatccacttg gatggcgcg cgttttcatc tgaccataat agcaaaatta
51 cccagtggaa gatccaagac tacagaacct agccatcact ggtccggctg
101 ttccgtactc cagagagttt aagcagaaat acgactactt taggaagaaa
151 ttaaagaagc ctgctgatat tcaaacggtt tgaatgaaa cttacaogaa
201 acaacatatt tgaagagtct atgcaggatc a

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ugs024.seq Length: 143 July 9, 1997 19:17 Type: N Check: 76 ..

1 atgaatttgt ttggttggtt ttgttttga gacaggggtt ctctgtgcaa
51 cagcctgggc taccctggaa ctactatgt aaataaacta agctaagctg
101 gccttgaact cacagtgaca ggcctttaat ctacgactc aag

ugs025.seq Length: 113 July 9, 1997 19:17 Type: N Check: 398 ..

1 ccatattgaa ttagatatct tatttcagga catccatgtc aaaataaaac
51 aaaagagtca atccttgcaa caataatgtg tattcattaa aacgcatttc
101 acaatcatcc cat

ugs026.seq Length: 168 July 9, 1997 19:17 Type: N Check: 8286 ..

1 gctttggtaa atgtggcact aaatcttagc attaattgga taacacacaa
51 agacagtacg aggacagaac gaataaaatg attggaaaac gagctaacga
101 aaggctagac tctgttaca agcgtaaagag ctcaggaaa tcaagataga
151 tagaaaatat gatgatgc

ugs027.seq Length: 245 July 9, 1997 19:17 Type: N Check: 5052 ..

1 atgaaatatg tggaaacatc agcttctcag ttttggaat taaacagtaa
51 gtcataaagc tcagataggg cactagcttt gtatgcccac gaacagcagc
101 atcaacataa agtttgctc ttgagagcaa accaaggagc acgttgtaga
151 cctgatgtag gaatactgtt atatctggac tgagtggaa gtcacggttg
201 ggatgtgcaa gactgtgacg acacttgca tgatgttg atagg

ugs028.seq Length: 108 July 9, 1997 19:17 Type: N Check: 322 ..

1 gggcgtggc agagcgcga gaggcctgc ggtggcagc gggggcggc
51 ccgtggggc ggagccgagc cgagccgcg ccgcctctgc tcagagccg
101 aagccctt

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102280.723360

ugs029.seq Length: 213 July 9, 1997 19:17 Type: N Check: 6384 ..

1 gccccccaga cctcttgaga gtcacctgac catcaatgga actccaacgc
51 gcagagacaaa tctgagtctg actactcaga tggggacaat gacagcatca
101 acagcaccto caactccaat gacaccataa actcgctcga gtctcatcac
151 gggacagcct cggaacagac actcagcaag cagacatacc acaggagacc
201 gcacagctgg act

ugs030.seq Length: 153 July 9, 1997 19:17 Type: N Check: 9524 ..

1 gagcaactca ttgctgcaaa attctgtttt gctggccttg ttatagggca
51 gactattgtg gacatcatga gtcatgccac acaagctatt ttgaaattc
101 tggagaaaac ctggctgccc caggactgta ccggttgata taagattgaa
151 ttt

ugs031.seq Length: 155 July 9, 1997 19:17 Type: N Check: 2529 ..

1 ctggttcctt gggaggccag gagactcaga tctctggagc tagagttaca
51 ggtggtctgt agctgctaaa aagcgggaac taagccacag tcctttgtac
101 atatcttgta cttttgcatt tatacaaagt aagaaattcc tcactctctt
151 aacag

ugs032.seq Length: 229 July 9, 1997 19:17 Type: N Check: 2600 ..

1 cttcccaaat atgagagggg caaggaaactg tgccagcaag ccagataacca
51 gacagcctgt gagcagcctg ggacagaactg gcagtgcatc gaggacacat
101 ccggcaagct cgaatccac aagtgttaagg gaccacgcga cctgctcacg
151 gtccgtcaga atgcacgcaa cctctactct cgcggattgc atgacaaaga
201 caaagagtgc attgtaggga ctctgctat

ugs033.seq Length: 215 July 9, 1997 19:17 Type: N Check: 6705 ..

1 caggattttct ttgtgtagtc ctggctgtcc tggaaactcac tccgtagacc
51 aggcttgaac tcagaaatcc acctgcctct gcctccaag tgctggaatt
101 aaaggcgtgc gcacccctgc ccattgcctg aactcttttt atgtcagttc
151 tttgtctccc actagaaaga atgttgcagg acctctccc cattgccaca
201 aggtcagaag actct

ugs034.seq Length: 230 July 9, 1997 19:17 Type: N Check: 6027 ..

1 gggatatcaa aaaagttaa aagcgaact tgagctgcct gaaattcctg
51 tgacaaaaga tgatgtagaa gattcagact cagaagttag tgaatttttt
101 gatagctttg atcagtttga tgaactagag caaactttgg agacttactt
151 gctcatggaa gatctatca tagggaagtc atcacagaag atagggcaca
201 atatgaaaac tgatgatctc agaatcagtt

ugs035.seq Length: 212 July 9, 1997 19:17 Type: N Check: 6259 ..

1 acgctttagt tcaggattga acggagcata cacttcttcg aaacaaagct
51 tatttattct tgagcagcca cacattggtg cactctgggt caggaactgg
101 gaattcggga aaagtgggtg tatctctggt aatggaggct gagacatgcc
151 tggtcacctt ccaggaccat gacaggcctg actaatgaga gggcaaaagg
201 ccttgagact gg

ugs036.seq Length: 212 July 9, 1997 19:17 Type: N Check: 2146 ..

1 aagatttatt ttacttatga gtacactgta gctgtacagg tggttgtgag
51 ccatcaagta gttgctggga attgaactca ggacctttgc ttgctccagc
101 cccactcatt ctggcccaaa gatttattta ttgtttatgt gagtatattg
151 tagcgtgtct tcagacacac cagaagaggg attcagactc attacagatg
201 gttgtgagca ca

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ugs038.seq Length: 193 July 9, 1997 19:17 Type: N Check: 4286 ..

1 ctgtattgtt atttttctct cactacctcc ccgggtcggga gtgggtaatt
51 tgcgcgcctg ctgccttctt tggatgtggg agccgtttct caggtccttc
101 tccggaatcg aacctgtatt ccccgtcacc cgtggcacca tggtaggcac
151 ggcgactacc atcgaaagtt gatagggcag acctcgaatg ggt

ugs039.seq Length: 226 July 9, 1997 19:17 Type: N Check: 6696 ..

1 acaaaaactca aagtcttcca actgatgtgg atgtcctttg atgtaaaaca
51 ttctgtaagt atttctcttc attgctctct gcacactctg tcaccaaagg
101 cacaggattg agtgacacat ctctccaagt taataaatat ccattttcca
151 ccaccaagtc tctgcaggtc tccttttgcct catactagcc ttctatgctt
201 ggaccaccat catcacacag ttcaag

ugs040.seq Length: 243 July 9, 1997 19:17 Type: N Check: 6881 ..

1 ctctctgtta ctgttctcta tattcagatg tcactataaa atatttcaat
51 attccaatga attcctatct aaaacctaga atgcaaaaag cacacagaac
101 aaattgccat tccttcttaa aatccactct ttctgcacta acttgccttc
151 acttcaagta aaatttggtt tcaaaagcca ctgatcatat atactttaaa
201 ttactttata ttagagacac acagctaagt ctgatacat gag

ugs041.seq Length: 261 July 9, 1997 19:17 Type: N Check: 8381 ..

1 ttttacagag gtgctaggaa tccaaacttt ggtccttaca ctagtgcaaa
51 aagcaacttc cttgtccagt catctccctg cctttgcaca ctgcgatttt
101 ggcacacctg accaatgcta cctgtgacct agatttctga ctgcatattc
151 cctttgtcca ttttaggcca gaaacagaaa cagaaccagt gcagacaggc
201 tctacctgtc tggcagtata caattgctat gtcacatct atgcatactc
251 agagactagt g

ugs042.seq Length: 274 July 9, 1997 19:17 Type: N Check: 9401 ..

1 gttcgtgtcc agtctgtatg aatgaatggt ctatgttttg tgtgggataa
51 taaagatggt ataaaaaact ttatctgcaa agccgagagc tgccacgtgt
101 ttcagccagg aatcagacac gtggcgagag gggccctcgt ggaaaaaact
151 gttcgtttta ggaaataggg caggtgcaca gctctagtt cagagtaaaa
201 gctaataaat gtctagatta atgtgttgca atgtaagggt ttattatgat
251 gagctcaaaa tatatcctga tget

ugs043.seq Length: 252 July 9, 1997 19:17 Type: N Check: 8128 ..

1 caaatactag taaacctaca cagtgtgcac ataataacag acatatattgc
51 ttccatatgc ggagtggtga tatatttgag gttttctct tttttctct
101 ttctctttcc ttctgtttct ctctctgtgt ctccctctct gtctctggtt
151 ctgtctctct cttttttgtc tcocgttcat aaagtctact gtgcagttct
201 gactggctga acttcgtatg tagacaggct gttcaaatca gagatcacat
251 ga

ugs044.seq Length: 246 July 9, 1997 19:17 Type: N Check: 9158 ..

1 cctataggtc tgcagacct ttctctctct tgggtacttt ctctagctcc
51 ttctttgggg accctgtgct ctgtccaatg gatgactgtg agtgtccaat
101 tctgtatttg ccaggcactg caaagcctca caagagacgg ctatatcagg
151 ctctgtcag caaaagcttg ttgacatctg caatagtgcc tggggttggtg
201 gttgtttatg gatgatccga gtgtgcagtc actgatgtac ttctcg

0993797.082201

ugs045.seq Length: 246 July 9, 1997 19:17 Type: N Check: 4994 ..

1 ttcacaatgg tttttgcaag ttaaacagtg aaggtgaatt aaattcatac
51 tgttctgcag acttcagggt ttcttcccca agacaaaaca ctaattctgtg
101 tgcacattga caattcctta caattatcag tcaagaaaat gccattttaa
151 attacaattt ttttaatccc taatggatga ccactatcaa gatgtatact
201 tgcctgtaac agtaatgatc tctatatcta gcacagtagt attaaa

ugs046.seq Length: 213 July 9, 1997 19:17 Type: N Check: 9185 ..

1 gaagttccag tgggctttta ttgagatasa ttaacaaaaa gaaacaatca
51 agattttacc aaccatcttt tctgaatgaa ccatgtatat aactccttaa
101 agactcaggt ccatagacat gcacatacac tgtaacacat ccaacaaaaac
151 agaccctccc actggaacat tgcataacag aagcatttct tccaatgttc
201 aatttagtct act

ugs047.seq Length: 256 July 9, 1997 19:17 Type: N Check: 1134 ..

1 gccacttta tgagcttctc aacccttctt gaaatttcaa toccaaaatt
51 ctgaattccg agatcaatag gaagacattg taggaaggct caagacagaa
101 taaagctgga ggctcagtgt ccatacatte acttgagccc acactttggg
151 gaccctctac cagctgttaa acacaagatc ctctttctct ctgctgccag
201 attcatgtct gacatcagaa actatcgata gactagactg agtctgagac
251 ctgaga

ugs048.seq Length: 234 July 9, 1997 19:17 Type: N Check: 2507 ..

1 ccagggttgt ggggacacag atgagggctg ggaggggggg aacgcaagag
51 gggggggggg ttcttcacga tgcacttgga agattttata agagttttgg
101 ggggggggac agtaaagctc tgagccactt ggggtcttca ggagtttctc
151 ttaggagttt ctcttaggga aagttttttt ttctctttt tttatatat
201 aactataata tatatgaata taattgctaa tggt

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ugs050.seq Length: 167 July 9, 1997 19:17 Type: N Check: 3505 ..

1 ctccctctgtc agttctggag tttgtatgaa ttctctgatg tcattgcctg
51 taacctcaag ttattcctta atgtagaatg tetgcttggt accttttggt
101 atttggtggt ctttggtatt gatgttggtc ccttngtctc aaaagatgaa
151 tgacctggag aaggaat

ugs051.seq Length: 170 July 9, 1997 19:17 Type: N Check: 837 ..

1 cacaatgtct atagctgcaa cctgcttcc cacagtgaag tcttcccggt
51 ccttatttcc aaaggtagtt cagagagggtc agacatcttg cccccaagt
101 cctgacctat acttagccag agaactaggt ccataaataa atctacttgg
151 ccttaaagca aaatgcccc

ugs052.seq Length: 204 July 9, 1997 19:17 Type: N Check: 8683 ..

1 cgggctcgag eggcmntttt tgtttgtttt ttcttttctt tnettttttt
51 ttctctaact ttttttngag gggggatgat agatttttta agtttccct
101 gttttcttga tatttggaat tctggcctac ttactatta ataacagtag
151 aagcagtagg agatactggg ttgggaattt gaagttggct tgagtttgag
201 tctt

ugs054.seq Length: 212 July 9, 1997 19:17 Type: N Check: 3315 ..

1 ctgaagactca gtcttgggtt tgaactaact ggtttgagtt aactttgctg
51 ttaacaaca gtagtctata ctttgaggaa tatcaaagct ataaacttca
101 gaccatttcc tttaattcac aggcattcaa acaggatggc cttaacatc
151 atggttcaga ggtctactcc aagtatctag gtctttgtaa ccagtctagt
201 gaacaatatt tc

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102280.7223660

ugs055.seq Length: 187 July 9, 1997 19:17 Type: N Check: 4750 ..

1 gcggcctttt tttttttttt cctttttgtt tgttttaaag ggcataagat
51 gogattgaac tttagggggc cttctgotta ttagataagc atggtctctg
101 tcttaaaaaa cagcatctac tgtgtactga catttttagtt tctgtggagc
151 aagtaaatgc agcattttgt ttgggggaga acatttt

ugs059.seq Length: 232 July 9, 1997 19:17 Type: N Check: 6087 ..

1 tctccttccc cgccaccgnt gtcagaagct catcgagggt gatgacgagc
51 tcannccac cttctatgag aagcgcatgg ccacggaagt agccgctgat
101 gctcttggtg aagagtggaa gggttatgtg gtcgggatca gcggtgggaa
151 tgacaagcaa ggtttttccc atgaagcaag gtgttctgac ccatggcaga
201 gtgcgcctct gttgagtaag ggcattctgt ta

ugs060.seq Length: 178 July 9, 1997 19:17 Type: N Check: 2645 ..

1 aagagtttga gacagcggag actctgctga actcggaagt ccacatgctt
51 ctggagcatc gaaagcagca gaacgagagc gcggaggagc agcaggagct
101 gtccggaggtc ttcatgaaaa cctcaacta caaggcncgc ttcagccggt
151 tcaaaaaaca gagagaccat tgccagt

ugs063.seq Length: 200 July 9, 1997 19:17 Type: N Check: 32 ..

1 taaatttcaa aaaaagaaaa aggtagaat tgaattagca agagcttaag
51 ttttctttaa acatgctggc cagggcngca gtggtggtgc atgcctttaa
101 tcccaacact tgggagacca gaggaggcag atttctgagt ttgaggccag
151 cctacagagt gagtttcagg acaacctggg ctatataaag aaacctgtt

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ugs064.seq Length: 173 July 9, 1997 19:17 Type: N Check: 3416 ..

1 ggcttactag gagggatgaat acgtaggctt gaattaatgc tactgcaaat
51 tctagaattg tgagtagaag taaataata aatgtaattg tagctgttgg
101 tgggctaata ttattataata ctgagtagc tcctcogatt aggtgtatta
151 ataagtgtct gcagtaattg tag

ugs065.seq Length: 206 July 9, 1997 19:17 Type: N Check: 6362 ..

1 tagggccttt cctttctttt actccctagc cataggggtga gtctcctgca
51 ggttgattcc tgcagggtgt tctctcactc ctgcagtggt catgtcctgg
101 tgtgtttata cacacataca tacatcatgc accatacata tacatacata
151 catacataca tatatgcaca cacatacatg tgatgcatac aaaattttct
201 ttaatt

ugs066.seq Length: 257 July 9, 1997 19:17 Type: N Check: 9579 ..

1 ctttactact gagtcaaact tocagcctct agtcttaata taaagaacat
51 tgtttcttgt gttacacag aatattgata gttctaagtc agatttatca
101 tgttcaaatt ttatattag ttaattatgg aaaaagaatg ggaagggtg
151 taagaaacac taaatccaca gacacctaa aatactatga tagtaatttc
201 atcaaatggc cagtgtggcc atattagaga aaagcagtaa attggagagt
251 acaagag

ugs067.seq Length: 246 July 9, 1997 19:17 Type: N Check: 4203 ..

1 atgggcacta cttgaggttg tatataaaca aaaatgacac gaggaactc
51 ttgatttcag ttccaaggg gagaactaca tgtactacag acaaggacga
101 gagggtgaaa gacgagatct ttagcatcaa ggactgaatg gcaactggtc
151 tgccaacata tggagtggtg gatagctgaa cagaagtgag cagctgccga
201 gccagatgca aatgatgttg ttcttcaga gtgcaaggat gagtgc

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10220.72360

03033797-082201
102280-7628800

ugs160.seq Length: 216 July 9, 1997 19:17 Type: N Check: 4635 ..

1 cttgggtttgc aggtcagatt tacactggtc aagttcgttc ttactatcca
51 taaataactc tgtagcctta ctgagctcct ootcaagaac agcgattttt
101 tcaaccaact caacaatttg ttctctctga acagttacct ttccattcat
151 ggctctaaaa ctttcttcag agatgtacac tcattttctc acgagctgct
201 gcttgatctg cttcaa

ugs161.seq Length: 214 July 9, 1997 19:17 Type: N Check: 3433 ..

1 cactgagtga ggacggaaga tcaccatct ccatcgaca gctggcctat
51 gtttctggtc tgtccttcgg tatcatcagt ggtgtcttct ctgttatcaa
101 tattttggct gatgcacttg ggccaggtgt ggttgggac catggagact
151 caccctatta ctctctgact tcagccttct tgacacagca gccattatcc
201 tgtccacac cttt

ugs163.seq Length: 243 July 9, 1997 19:17 Type: N Check: 1823 ..

1 ctgattgtt cgctccaagt ctttatttta ataaggaatg acittagact
51 cgcttttgtt aattcggtag gaagtctaaa tctaactgat gaatttttta
101 ggcacaggaa tcaagcccat aatttgagaa acactggctt ttttattaac
151 taccttctc catttaaaaa taagtatgga gtttttctgc ctccctctaa
201 aaatactact tatttaata attaaggaag agagaatgct taa

ugs164.seq Length: 228 July 9, 1997 19:17 Type: N Check: 1121 ..

1 ccaaggactt gggttcaaat cctgaacca gctgtgtctt gaacaatgac
51 tctttagga agacaatcta tttatttata ttttgtacag tgctcagtg
101 gttttctcat ttaaaagagt caaggactgg agatgtggct cagcaattaa
151 gagcttgta tgctcgcaag gaatggagtt aaatttcag caccacatc
201 acaggctcac aactacttgt aacatcag

ugs165.seq Length: 213 July 9, 1997 19:17 Type: N Check: 158 ..

1 tgtgtatgca cacacatgca tgtgtgttgg aagtgtgtgt gcgcaggat
51 gagtgtgtgt atgtgcacac atgcatgtgt cgatttgtgt atgtgtgtgt
101 atgcaagtat gcgtgtgtgc atgtgcacac atgcatgtgt gtgtgtgtac
151 gtgtacatat gcacctgtgc acgggggggg ggggcagggc tatggaagtc
201 agaggataac ttt

ugs167.seq Length: 178 July 9, 1997 19:17 Type: N Check: 8114 ..

1 cactgacctg gacacttggg cttctgcgtg tgtgtggaga ccagaacct
51 cgtcgcgttt cggggccaca gcctgttgct ggactectaa gactcctgcc
101 tgactctga gcgactggtc ctacgcgac cggcattgat aagttcacgt
151 ggtggcggcg gcgattgctg ctgctggg

ugs168.seq Length: 200 July 9, 1997 19:17 Type: N Check: 372 ..

1 ggggaactgta tgcaaaacgg ttctgatttc caggacaga ccagcagcg
51 ctgacaaagc ccttcacctg tccacaggc agaggggagt ttacctgag
101 gtcggaatgt cagccttact gactctcaca ctattgtgc taccagctga
151 ctccagcca gtgacacat ctttcattgat tagcgcacct agcctggcag

ugs172.seq Length: 177 July 9, 1997 19:17 Type: N Check: 7973 ..

1 ctctgtctct gcctgtctgt ccagctctct ccttccttec ctctctcgn
51 cctggcgctt cccgtgcgcc atgtagctgg aaaaagagtc tagcccgctc
101 ttccctctgc ctgtgcccgc tcttaccga cacccaaacc gactgcctgt
151 cccggactgt caagctccgg actgagt

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ugs173.seq Length: 227 July 9, 1997 19:17 Type: N Check: 1925 ..

1 gggcgcatct ctttatctgg ccagatgtat ttgatgatta taatggcggg
51 gaagtaccag gtgccacga cgctcaggaa gcagaaatgg ctctccgggt
101 gcctttgatc agagtctctg tctggcccag gctgggttgg gttgggacct
151 ccgaacctgg catatttctg gaagccaato tccttggggg atggacaggg
201 ggcaggatga agaggaaggc gtaagac

ugs174.seq Length: 189 July 9, 1997 19:17 Type: N Check: 6400 ..

1 ataagtgcga gctgagtctt cttttcactg atgtggacat tcagtcttcc
51 ttttctgaaa acttagttct tocagaagtg attttacttc cctaattgta
101 ctgcacttca cagcaacttc cgtctcccc agtgtcaggg cttcctggag
151 gtcagctttt gcctgggcga ggatctgtct ggagtagag

ugs175.seq Length: 184 July 9, 1997 19:17 Type: N Check: 1077 ..

1 ctgccacca aagcagctta ccaagaagca ggtcacctgt taaggggaat
51 ggagtaccca agcacttcac ttctcaaaa ctgagtgtgg gccagtctgt
101 aaatggagtg agagagtaca ggagaggggg gcctgaacct taggttctctg
151 tgtaactgag aacctgtctc tgtagagccc ataa

ugs177.seq Length: 143 July 9, 1997 19:17 Type: N Check: 7169 ..

1 atggcagcga cgtgagcagc gttgtggaag acaaaagaac gacagtgagt
51 tgatgacttt cctttacatc gaaatgcctg tgaaggagat tcagaattac
101 tgagccatct tctcgataaa gactttagtc aaccaactag atg

ugs178.seq Length: 239 July 9, 1997 19:17 Type: N Check: 834 ..

1 agtttcataa aggggtatagt aatgttcttt tataagaaaa tgtagcccat
51 ttcttcccat ttcattggct acaccttgac ctaacgtttt tatgtttgat
101 tcttttgctt actttaatac ctttttaggg ttttgctgaa gatggcggta
151 tataggtga attagcaaga gatggtgagg tagacgcggg gtttatcgat
201 tatagaacag gctcctctag atggaatata agtaccgcc

ugs179.seq Length: 148 July 9, 1997 19:17 Type: N Check: 1771 ..

1 ctgcacggcc gctatttttt tatagcatgg ttttagtgtc catttgggat
51 cagtgatgg atattgcata actaacaat attcttcta tgtcaagata
101 tttcattgat ttcttgggtt gttgcaaacc atttcattct taacattt

ugs180.seq Length: 217 July 9, 1997 19:17 Type: N Check: 8525 ..

1 tgtgaacatt coatgtogtc atgaaccacg ccttccccg tcacccaaag
51 gtctcaatgg catacacctc tcttctctcc attctttag cttccccctc
101 tttcacaatg ggcaccgttt ttccagcgtg aattctatat ggcccaattg
151 aatgtccatt taagttacta tgggtttcac ttggtatgct ttcagatcta
201 tttctacttc ataggat

ugs181.seq Length: 199 July 9, 1997 19:17 Type: N Check: 6668 ..

1 gcaaaaagat ctactgatta cttttagta ttcacacaca aaaataaata
51 tttacacaaa ttcaaacatc caggagtctt actgagcagg tggggaactg
101 ggcacatgtt tggccagctg tggggaggcc tgggcactgg agtttgtgct
151 gtatgaaggg gctcaggtgt cctggccagt cagaggcctg gtgagcggg

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ugs182.seq Length: 182 July 9, 1997 19:17 Type: N Check: 4865 ..

1 gtatggaggt gatgaatatg tattatcttt actcagtagg ctttttctag
51 ggggcataaa ctttgttcca cagatagctt tgtatggtac aaagttttgc
101 acttatcaga ttgttgggtg ttgggattca aaccaaggct ttgttgtata
151 ctccaatgc ctttcttatt tatttgagcc tt

ugs183.seq Length: 209 July 9, 1997 19:17 Type: N Check: 6534 ..

1 catcctagaa tctaaaogga aacatccatc ccaacaacag ctttataaag
51 ccagactcaa gctttgggat gctgggctga ggtaaagacc gtagecccaa
101 tactcagctt gttgggtaca ctgatgtgct gttgagaaag ttacctecta
151 ctgtggagaa tacaaaactc ccatggaggg ccottaggaa gtgtagtgtg
201 tatgaatgg

ugs184.seq Length: 170 July 9, 1997 19:17 Type: N Check: 2130 ..

1 ggagatacta gatgtaagca aaacagtttt ttgaggtttt tcttttctct
51 ttttctatt tggtaaaatt aatactatcc ttgaaaacta ggcatttca
101 catggtaaag caagagggtg caaaacacag gcaggcaggc aggccacttg
151 gtatgtatct ttaccccttt

ugs186.seq Length: 167 July 9, 1997 19:17 Type: N Check: 1907 ..

1 attctttaaa agattattct gctcgcaaag tttaaaaagt gttgaaaaat
51 attctataca tcttgcctct agaactctc cactttgaca gatcaggtga
101 cctccacat catctctat actcctggat cttttccttc ggtggtcttg
151 ctggaacggc aagaggg

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ugs187.seq Length: 268 July 9, 1997 19:17 Type: N Check: 5845 ..

1 ctttaaaagc cagaactcac atttgggtct ttgggacaaa gtcaaaaacaa
51 gagaaacgag acacacatga acagttcctt cattttcttag tagctgtttt
101 tcagtaagcc agcagttttc tagaaatgac tgtttttgta acccttcccc
151 tacttggagc atttgtgcaa tataaacaac catttttgtt gttgtgttta
201 ctattccaac agacaggtag tactatcaac tgcattctgtg gatagaggca
251 aaggatgagt caacatct

ugs188.seq Length: 231 July 9, 1997 19:17 Type: N Check: 532 ..

1 ccgcgctctg tgcgcgcgcc atgtctctag tgatccctga gaagtccag
51 cacattttgc gactactcaa caccaacatc gatgggcggc ggaanaatgc
101 ctccgccatc actgccatta agggcgtagg gcggagatat gtcattgtg
151 tgttgaggaa agcagacatc gacctacca agaggcgtag agaactacgg
201 aggcagaggt ggacagtgt caccatcatg c

ugs190.seq Length: 230 July 9, 1997 19:17 Type: N Check: 4639 ..

1 gtgtgctga ccacaaagct acatgaaggc ttcacaaact ggccaagccc
51 tgtgtcttgg aactggaact cgaaggagct nnggcccac cgtgatttg
101 tcggtgagtt gggagcagct gtgcgaagag gaacatacgc tacgccteta
151 ccactcgctc ttggaatcct tccatccact ctacctactt gataagaaaa
201 tggcttcaaa ctgatttga gggcaaaaa

ugs191.seq Length: 203 July 9, 1997 19:17 Type: N Check: 1256 ..

1 cgtgaagcta ggaagagtgg gtctaagcca gagaactttg ctttgattag
51 tgtgtcacct caccagtagt ggagcctgag cagcagtgcc gacggtgtgt
101 ccacagcagt gaaaacggng gacgaggcta gcaagccttt accacogcet
151 gctgcgcgcg ccgcgatcc gttacagtg cctcttctga agaaggcagc
201 agt

ugs192.seq Length: 250 July 9, 1997 19:17 Type: N Check: 8595 ..

1 gcactacaag gtgacattcc cagaatgtgt taggtggatg acaatcgaat
51 ttgacctca gtgtgttact gcacagtcag aagacgtcat ccgtttgtct
101 attctgtca gaaccattca gaactctgga tatggagcaa aactgcacac
151 tgttcatgaa aaccttaatt catgggtaga attaaagaaa tattcaggat
201 cctcttggat ggctactat ggtttagtgt tgccaggaat gagcctttct

ugs193.seq Length: 220 July 9, 1997 19:17 Type: N Check: 6444 ..

1 aattactact ttaaatgggt gaatcatgtg gcatacaagg tatgtgccaa
51 tacagttgct tcttaaaat tacatgcata tgtatgtaca tatatacatg
101 cgtatgtatg tatgtatatg catgcacgtc attocctaag tagaaagcct
151 acttcagtaa agccagtgtg gcaaaggcaa aggcacgtgt agagagatgt
201 tacacgagta ctcagacagt

ugs194.seq Length: 216 July 9, 1997 19:17 Type: N Check: 854 ..

1 gggggctaaa gtctgtctac attacagatg gggctggact gtactctggt
51 gttctggggg atgtgggata gatgagaagg ggaaggcagc ttggcctgtc
101 ccacctattc aagtgcctcc ctaaagcagg atnagaaagc taggtcccta
151 gccataaagc agagcctttg gctgaggagg aaagtagtca ccatgagaa
201 atccaaccac aagttt

ugs195.seq Length: 264 July 9, 1997 19:17 Type: N Check: 1090 ..

1 ctcccatgca agaggtagct tgcccatgcc agtggaacag ttttccaagt
51 tattttcttc attatagatt atttctgatg tactagtgtg aattccaata
101 tatctttagt tatttccagt agaaagagag gtgttatcag ggaggcaagc
151 agaggcggtta ggctaggagt tttgtagact gatgttgcct ggttgaggaa
201 ggcataaactg agcagatcgc ataatttctc toagtggtga gtcactgcac
251 attgatgata tgcc

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ugs196.seq Length: 271 July 9, 1997 19:17 Type: N Check: 529 ..

1 atctgatgcy gctgtggaag gaacagcgga ttccggcactc agtgtaaagc
51 cacctgatgt ctgcacagct ctgtcaaat tgttttcac aggcactct
101 ggattagcaa aagacagtgc aggcctttag tttgaaatat ggatgcagaa
151 gaagggaagga ttgatctgat caatgagttt aaagtcacgg tgaggtgggt
201 ctgtgtcaaa ttcattgagt agaaggcagc cttctgacta caaacagctg
251 tcaccogtgc aactgactga g

ugs198.seq Length: 222 July 9, 1997 19:17 Type: N Check: 5514 ..

1 ccacagttta cattaccggc cgccatctgg atacgcttag agctactgcc
51 caggaggcac agtccctcgg gggccggtgt gtaccctgg tgtgtgatc
101 aagccaggag agtgaagtga aaagcctgtt cgagcaagta gatcgggaac
151 agaaagggcg gctagatgtt ctgggtcaata atgcctatgc tggcgtcagg
201 caatcctgaa caccaccaac ag

ugs199.seq Length: 185 July 9, 1997 19:17 Type: N Check: 141 ..

1 gcaatagctt agattttatc aacattagac ataatagatg gaactgtaag
51 acaacacaga agcagtaaat atccaaattt tgtacttaag ctacagcatt
101 gctatgcact tctctaactg atttataagt gttgacacag tgttaangca
151 cacacaggag cataaaagga agaaggcttc tcctt

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ugs200.seq Length: 277 July 9, 1997 19:17 Type: N Check: 9885 ..

1 gtgcagctag ctctatttta actgaagagt ggggtggcatg g gatgtaaac
51 agctgtatgc acatgactag totacaagtt atgagtcaca atcagacgaa
101 acgtgactta gacttctcac acatcactgc cccagtgggtg taagagcagg
151 caccocaaaca ctgaccgctc catttcaggc accagcagtg tatctggcac
201 aaatgataga gtgatttggc ttagtactat acttgtagca agtagctatg
251 gtaccagtc agtagactta gctgaca

ugs201.seq Length: 144 July 9, 1997 19:17 Type: N Check: 284 ...

1 tctttatcac tgataagttg gtggacatat tatgtttatc agtgataaag
51 tgtcaagcat gacaaagttg cagccgaata gcagctgacc cgtgccagcc
101 ctggacctgt tgaacgaggn nggcggtaga cgagactgac gaca

ugs202.seq Length: 188 July 9, 1997 19:17 Type: N Check: 6591 ..

1 aaagctgccca ttccagaacg tgaagaggtt agagggagaa gtgaactgtt
51 tcatctgtt agtgtagact gtaagctaag gcaaaaagca accacaagag
101 ctgacaccca tgtagacaag gccagagtt ctgacctgat gcttgatact
151 tcatcattag atctctgactg ttctctcaata gacattaa

ugs203.seq Length: 174 July 9, 1997 19:17 Type: N Check: 5939 ..

1 cgccctccgc cctgcgcgc cgccaccag gccgcgcgc cccgccgcg
51 ccgtgcgcgc cgacggagga ccatggcgaa ggtggaacag gctgtgacct
101 cgagocacaa cagagctca agttccgagg tcttctactg atgttgtaac
151 caccaaccta aagcttgaca accc

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ugs204.seq Length: 182 July 9, 1997 19:17 Type: N Check: 6324 ..

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1 ttgcactctgt agatttggtt aggttgagcc tgtattttta ttgtggagta
51 ttatctcatg gagtgaagag ttataaata ctactgaaa gcacacttac
101 tccaagctt taactcctga ataaagctct ggtgaacatc tgtatacagg
151 cattagtact aaatgtcaga acactttcca tt
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ugs205.seq Length: 165 July 9, 1997 19:17 Type: N Check: 6405 ..

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1 cagaaaaaaa atagccttcc cgttttgta gagattacc gtccactatt
51 accgggcagc agtctagaga ggtggagtg tatcatgagc agtacagaat
101 cttaatgcaa ttcatgagga ccccttagtc cttocatgaa tctggctgct
151 aacattgcta ttttt
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ugs206.seq Length: 170 July 9, 1997 19:17 Type: N Check: 1612 ..

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1 acatgggtgct gaggagagga gccaccatca ccaccaccat gaggtccag
51 actcttccca tgggaaaaag actagagaga gtgaacgcaa tcatcgacc
101 actgaggcag agccaagact cttgaagagc caaaacacga gacccaaaag
151 ctaaagactc tgtcagaata
```

ugs208.seq Length: 162 July 9, 1997 19:17 Type: N Check: 3838 ..

```
1 aatttaaaaa tcttttataa ggacagtga cgtttttacc aaaaaaagga
51 aaggagccaa agggcatcca acagatagtg agggagaagg gggccaggaa
101 tccattcagg aaagttggtg actgctgcca cggaactgca ggggggaggt
151 ggaagggaaa gg
```

0933797.08204

ugs210.seq Length: 189 July 9, 1997 19:17 Type: N Check: 6319 ..

1 gaccttgggg cctggatggg gtgggcaagg tagtgaaggt tactagagaa
51 aggtagggtg aagaaagaag ggtctgagtc tgggttgag gggagtggg
101 acttggggtt cagaggaacc tcaggagtgg ctagaacaca gctctaccct
151 gggctatgct gtaacagaaa ctgtctattt cagccacct

ugs211.seq Length: 209 July 9, 1997 19:17 Type: N Check: 2740 ..

1 cctgcagagg ttgcccga gaagcagttt tgtacaggaa gccgctgtgg
51 ctacagttg gcagggtaac ggagtagtgc ttttcaaagg gcttcaactga
101 gtccaacga gggacctctg tactctgatt ctctctctt ttcctcccc
151 tgtcccccga gtgttgagct tatgggcaa gtttatgaa tgctggaaat
201 tcactcttt

ugs212.seq Length: 188 July 9, 1997 19:17 Type: N Check: 7977 ..

1 tagggggaac gtagttatc agtggtatct tacatatggc ctgactatg
51 cttaggetca aaattgetta atcttaggcc cagggetagg gcggacgtaa
101 tgaggagggt ggcaaggcag caataaggtt cctgcctcct tctccctaga
151 gagcacttcc atggccact gactactoca tatgtctg

ugs213.seq Length: 113 July 9, 1997 19:17 Type: N Check: 6486 ..

1 gcggtggcgg gcggcgctgg gaccgggag cggccggaga acaagggagc
51 tggcgggccc gcncggcgtg agtgggctg agcagcgggc cnccgagcc
101 gagctctccg aga

ugs214.seq Length: 182 July 9, 1997 19:17 Type: N Check: 5208 ..

1 ctggtctaca gagtgattc taggacagcg aggactatag agagagactc
51 tgtctcaaac aaacaacaag caaaatattg acttgttact gaattgggaa
101 gataagttcg tgagttcatt agacttttta agatttattt tacttatgtg
151 tacgaatgct tgtgtacata agtgacgtgc ct

09933797-082201

ugs216.seq Length: 193 July 9, 1997 19:17 Type: N Check: 4427 ..

1 ccgaggttca cagtgaggtt agtgtccagg aggaaactgt cttcacatga
51 actgggttagc aggacttagt gcatcgagga ctatggaacc ttgctcctga
101 atccagcaac tgattagagg aggggataaa agggaagcgc ttctgactca
151 gtgtggcago aaatgcctgg tatccatcac ccaagggtag ggg

ugs217.seq Length: 167 July 9, 1997 19:17 Type: N Check: 2449 ..

1 gcgctcogca cccagctcct cccgcgcccc gattccaaga gcccttggc
51 tnccaatccc gggcaagcac cagcaaggca cgcgggggcc gagagtccgg
101 cncccacgga gcagagccag gccggccagn cgcgggtgtg ccacgggcca
151 acgcttcttc aggggcc

ugs218.seq Length: 173 July 9, 1997 19:17 Type: N Check: 2721 ..

1 aggaaaggct gtataaatgg aaagaatatg ggacaccctt tatctatggc
51 tcatccctta ctccatatca gaaattttctg aaaggagaca agcctgagaa
101 cttaattca gtgctgtga tccaagacag caaccagaag agtagtgagt
151 agaatgcaaa tcaaaataga gtc

ugs219.seq Length: 211 July 9, 1997 19:17 Type: N Check: 6590 ..

1 cagaogacga cgaatattcca gagatccag acctggacga ggagagacgt
51 cgcagctcgg ccacctccgg ggccaagatg ggacgcgggg ctcacagga
101 gtogactcag gctgagaatt acttaaacag caagaattct tcaactgactc
151 agactggaga ggctocccca ccgaaaccac ctcaaggga gggaggctgg
201 gcggatgact c

08033797.080301

09933797.082204

ugs221.seq Length: 209 July 9, 1997 19:17 Type: N Check: 2582 ..

1 acacggggcac gagcgatgat ctgtgtgcac tcgtcaatga ggtctggatg
51 cgaanccgac gctgcagtga gtacctgcag cgcttcgccc ctgtgccacc
101 accaacgagc cgctgtaaag gaactcgacc agctgccgca tgtctcgnag
151 gcaccactgg tggcacacga atctctgagt ggccgagcag cagtttatct
201 gaaagaagg

ugs223.seq Length: 225 July 9, 1997 19:17 Type: N Check: 1726 ..

1 tccaagnncc ctgcagttct cttcgaaga agacgaggag tgctctgcgc
51 ctgccgtaag aacagccctt ttgacttaa ggtggcggtg gtactgtgac
101 acaggaagaa ctgcatgcag gctgcaggag tttcttatct tcactttctg
151 agtagttagt tagttctccg tggaggggaga aagatttgag tcttaattgc
201 cctgttttca aggtgttctg tgctcg

ugs225.seq Length: 199 July 9, 1997 19:17 Type: N Check: 8567 ..

1 cagaatgaga ccttggettg gaactcagtg atctgcctgt ctctaaacct
51 ccagtgctgt gattaaaggc atgccaccta gaactcacca tatacctgag
101 atgggctatt aaatgatagc ccaccaccta ccaccgcatt ctgtttacgt
151 cactctattt ttcttaaadc atttctaata acaatggagg aagagaatt

ugs226.seq Length: 208 July 9, 1997 19:17 Type: N Check: 7809 ..

1 gcogtagcca tcatgaatga cacagtaacc atccggacca ggaagtcatc
51 gaccaaccgt ctgcttcaga ggaaacagat ggtcattgat gtctctcatc
101 ctgggaaggc aacagtacca aagacagaaa ttccgggaaa gctggccaaa
151 atgtacaaaa ccacaccaga tgtcatcttt gtatttggat tcagaaccca
201 cttcgggtg

ugs227.seq Length: 174 July 9, 1997 19:17 Type: N Check: 1396 ..

1 cctttccagt tttattttaa agttttaaaa ttacaaccac agtaatttct
51 cccgggcact agttacactt gtttaaaaag ggggtgggta ggggtcgcgga
101 gtttctaatt ttattaaaaa aagagaaaga caactgtaca gattttttct
151 cccagctccc gaagtggagac taag

ugs228.seq Length: 165 July 9, 1997 19:17 Type: N Check: 4772 ..

1 cccggctcga gcggccnaag acaaagtctt tgggtagccg tgcctggaa
51 ctgcctctgt agaccaggct ggcttctatc tcatagagat ccgcctgcct
101 ctgcctccct aagtgtctggg attaaagggt agtgccacca ccaccagtc
151 aatttagcaa ttttt

ugs229.seq Length: 175 July 9, 1997 19:17 Type: N Check: 8960 ..

1 gtcaaaataa tcagcagaat gaaatagtta catatcccc caaatttata
51 cctttaaatc cacagcttca gttcacacta aggccttatgt tagctatggg
101 ctctgcatgg taatgaggca tcagtattgg ttaacaaaaa agatgtagca
151 ctctataaaa gaatgaaggt tgagg

ugs231.seq Length: 180 July 9, 1997 19:17 Type: N Check: 6633 ..

1 ctgtcttgta actccagaga acttttatag gatttgatta aaggttttaa
51 taaactgttt aatacttaaa gttagaagag gttgactgta cacatgtct
101 tgtttggatg tgttggctcg tgctctaat ctcaacactt tgggaggggct
151 gagacagaat tgccacaagt tcaaggcaaa

ugs232.seq Length: 190 July 9, 1997 19:17 Type: N Check: 4441 ..

1 cagccagctc ccaggagccc gatgagcttg aggagctccg aggcaagaat
51 gaagacctca ctgtgcggct gcatgagact ttgaagcagt gtcagaacct
101 gaagaccgag aagagccaga tggatcgaaa gattagccag ctttctgagg
151 agaattggga cctttccttt aagggttcgag agtttgcaaa

09933797.082204

ugs233.seq Length: 189 July 9, 1997 19:17 Type: N Check: 9458 ..

1 cccggctcga gcggccgong cctgtttact tctttgtttt tctaaggat
51 ggctttaaaa taccatcagt gttccttttt ggaaggagtt gcttcccggt
101 tgttatgtct gtgggatatt ttatccaag aatcaaatg ttactgaatc
151 tctctgaaac tccaggcata gtagcacact cttatataa

ugs234.seq Length: 183 July 9, 1997 19:17 Type: N Check: 2826 ..

1 cagcagaatn tatgccacta tatacaaaca caggacaacc tgaagctaaa
51 tggatgccca ccgcagtatc aacaggtoea gcctcacagt gcacgccctg
101 agctacggcc ccctccaaaa ggcatcttcc cctcacagcc tccacgccaa
151 acaaggagca tcaagaatct gtctgggttg ttt

ugs235.seq Length: 178 July 9, 1997 19:17 Type: N Check: 24 ..

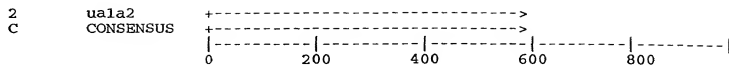
1 gtctgtgtga ccaaggactt cctgtcaact ttcccttttt aaaattgaag
51 gagaacacgc ccagtagctc caccctttct ggccacagat ggcattccgt
101 tagtttgcaâ tagccactt atggttaaag ccaacaggtc atacagcttg
151 gtcccagctc gtctgcctgg acgctgag

ugs236.seq Length: 182 July 9, 1997 19:17 Type: N Check: 3126 ..

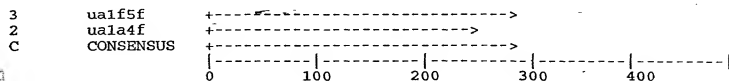
1 cgccggccga ggagcagccc cagcaacagg cctcccgcgc gcccagggca
51 tcagccgcgn cgcgaanccc cgtctcctgc tcaggccaag aagagtccgc
101 gactocagtg tatagaaaaa ctaacaactg ataagaatcc caaggaagag
151 aaagaagatg attctgtctc ctcaggaggt tt

09933797-082204

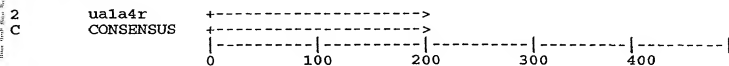
Contig: uala2



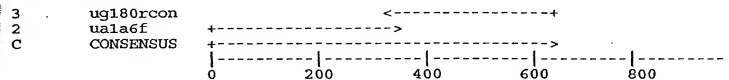
Contig: uala4f



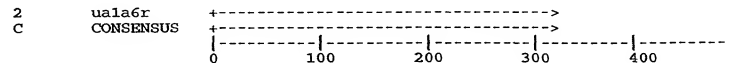
Contig: uala4r



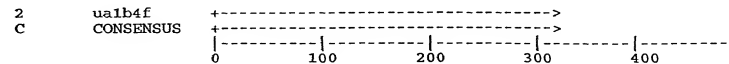
Contig: uala6f



tig: uala6r



Contig: ualb4f



Contig: ualb4r

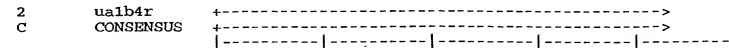
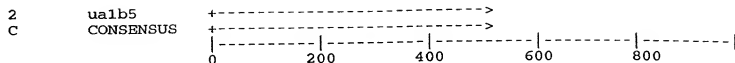
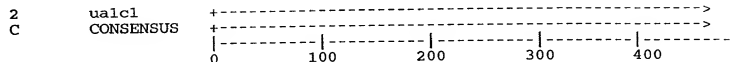


FIG. 8

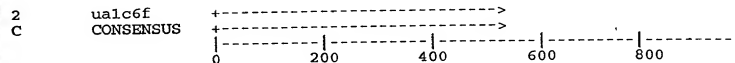
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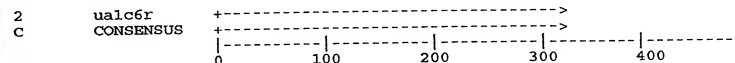
Contig: ualc1



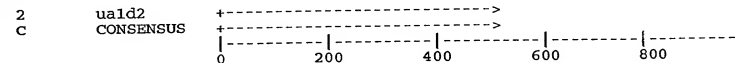
Contig: ualc6f



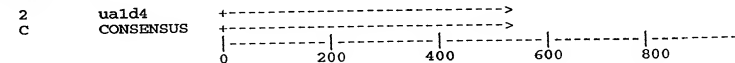
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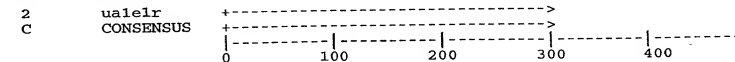
Contig: uald2



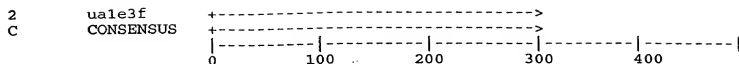
Contig: uald4



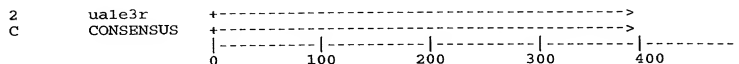
Contig: uale1r



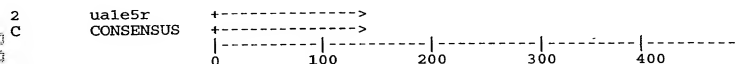
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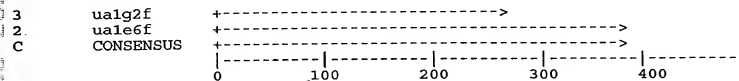
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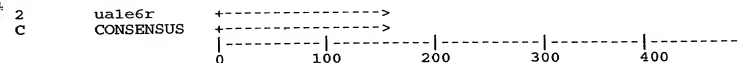
Contig: uale5r



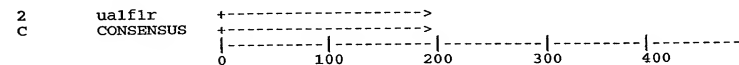
Contig: uale6f



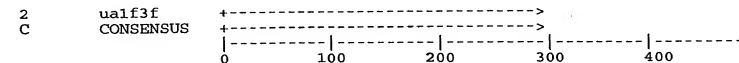
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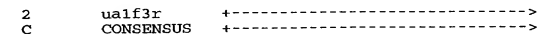
Contig: ualf1r



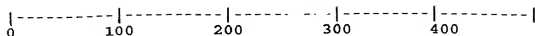
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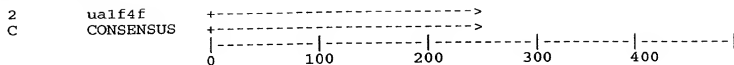
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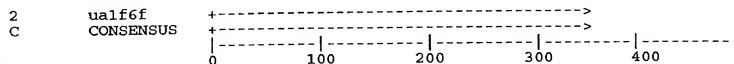
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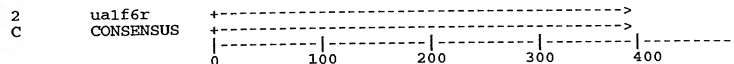
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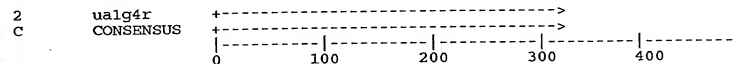
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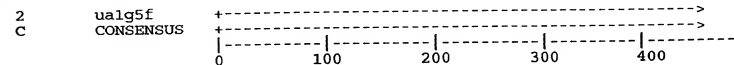
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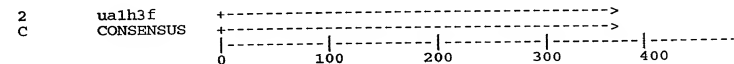
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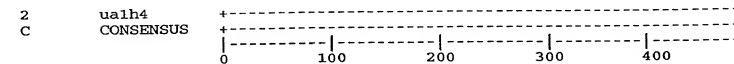
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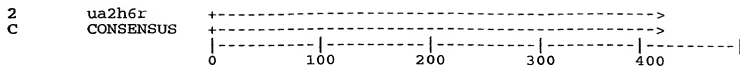
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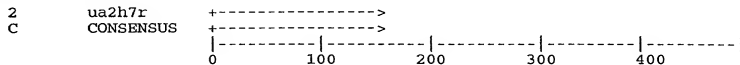
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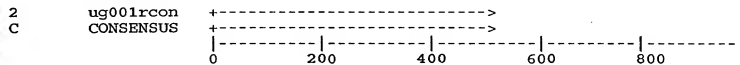
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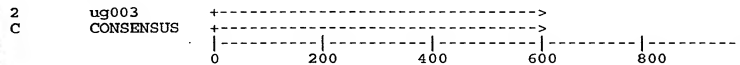
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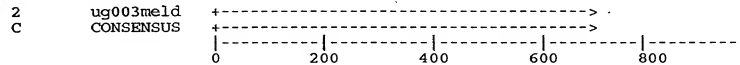
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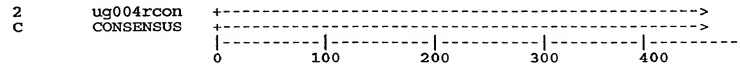
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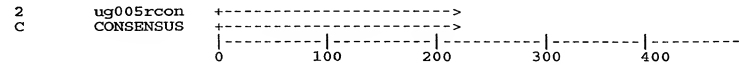
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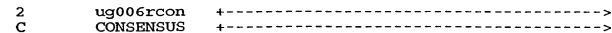
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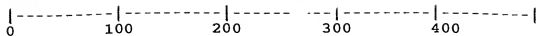


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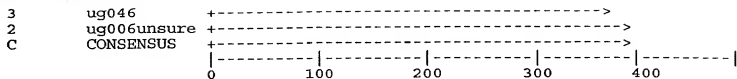


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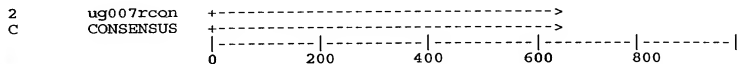




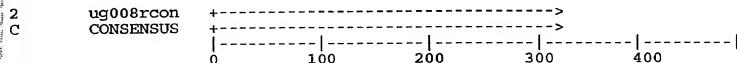
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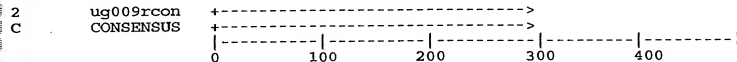
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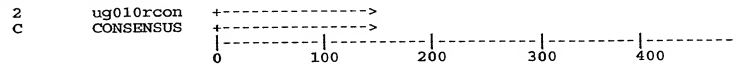
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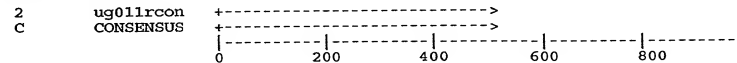
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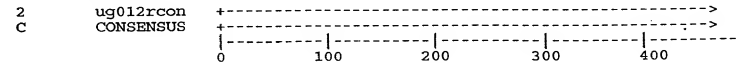
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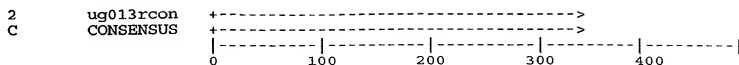
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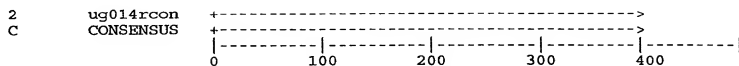
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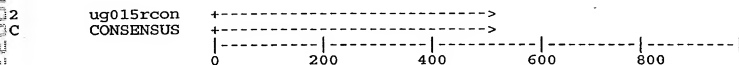
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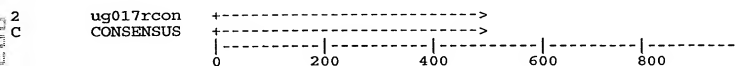
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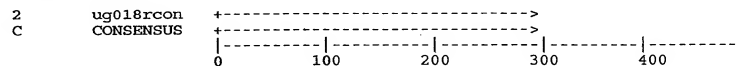
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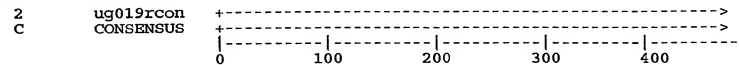
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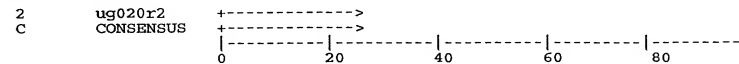
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Contig: ug019rcon

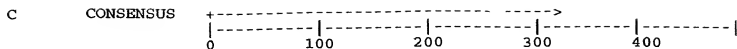


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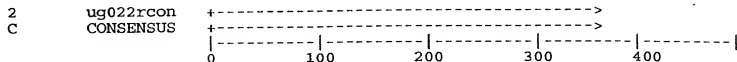


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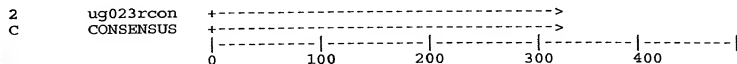




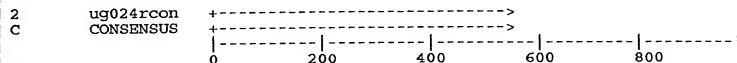
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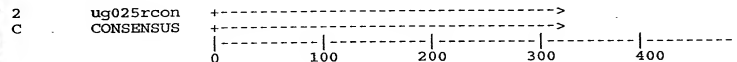
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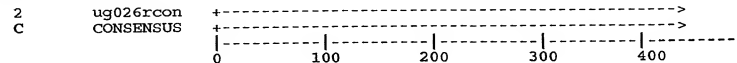
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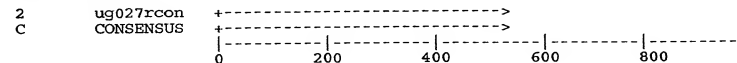
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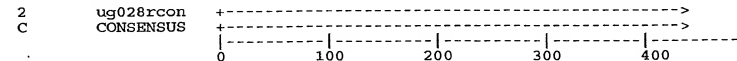
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Contig: ug027rcon



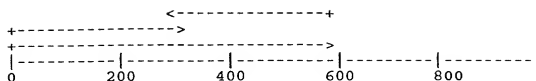
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09333797-082201

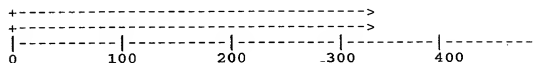
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7 3 ug196
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C CONSENSUS



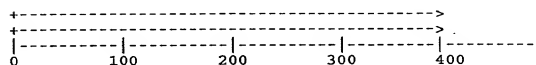
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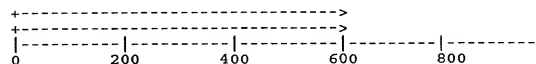
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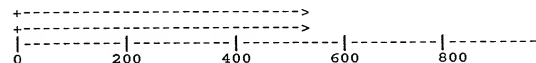
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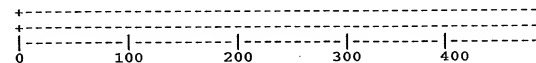
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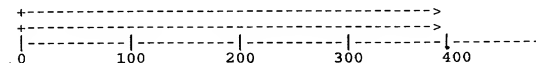
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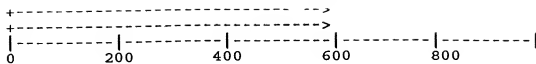
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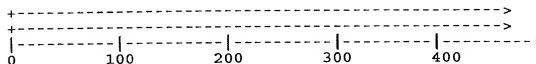
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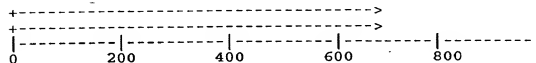
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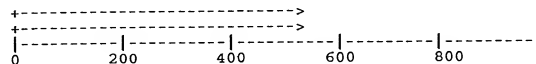
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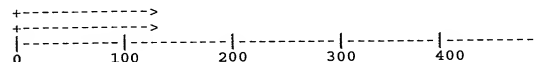
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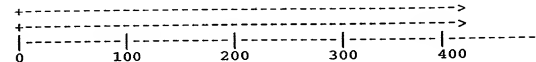
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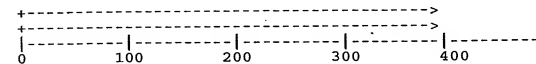
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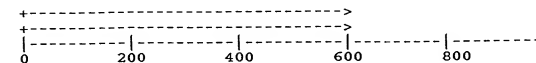
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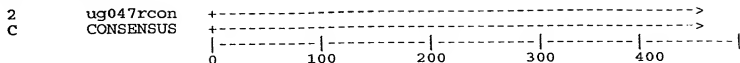
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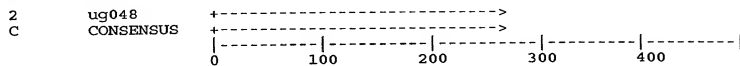


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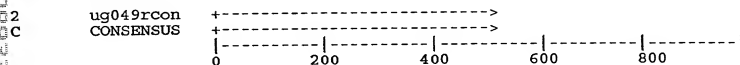
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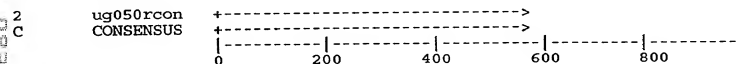
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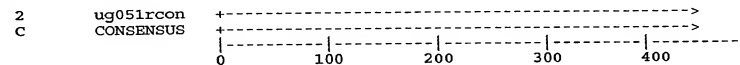
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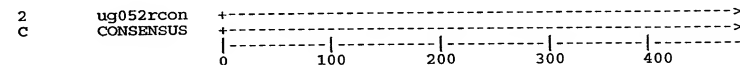
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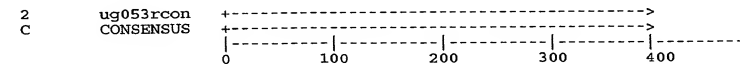
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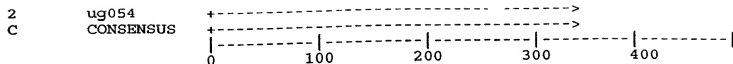
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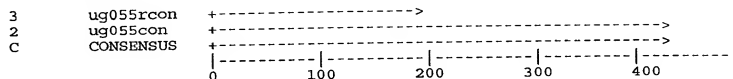
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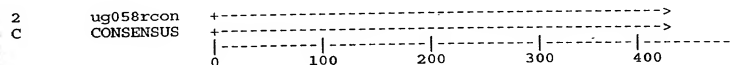
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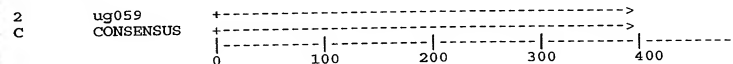
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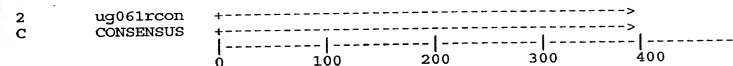
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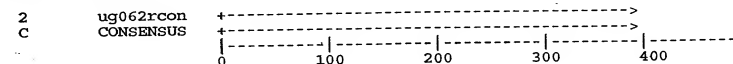
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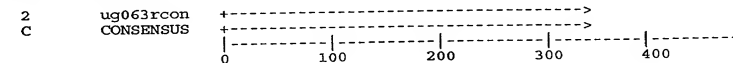
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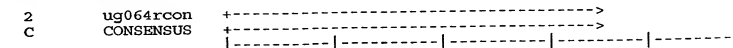
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Contig: ug063rcon



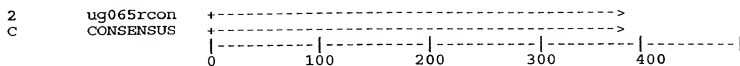
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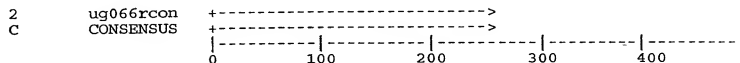
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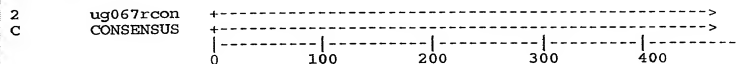
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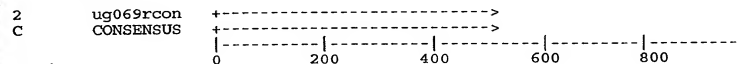
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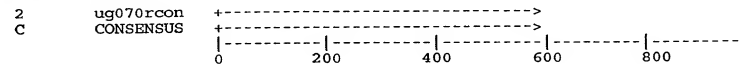
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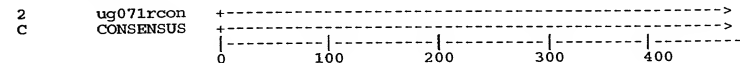
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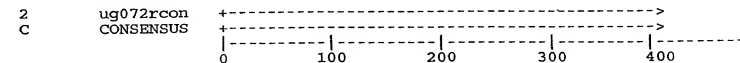
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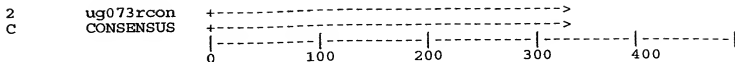
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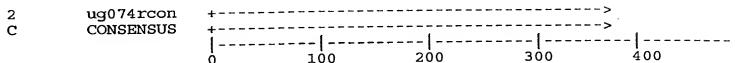
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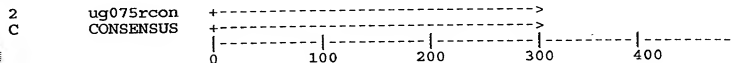
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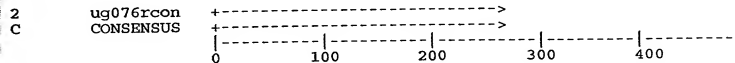
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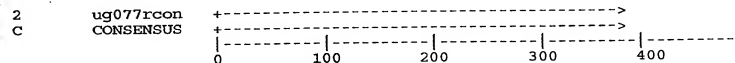
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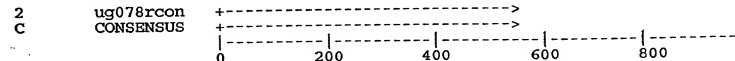
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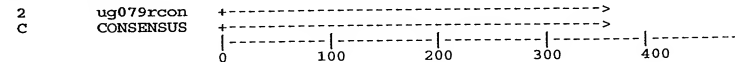
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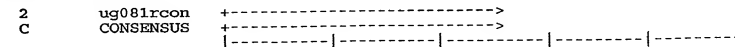
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Contig: ug079rcon



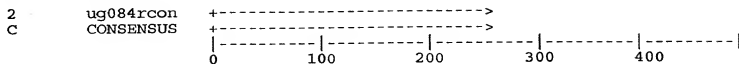
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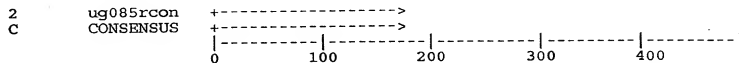
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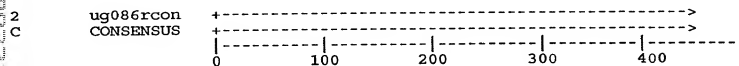
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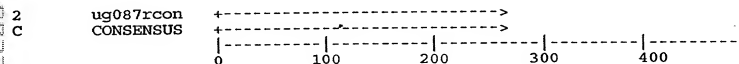
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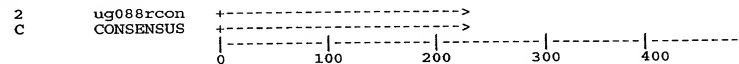
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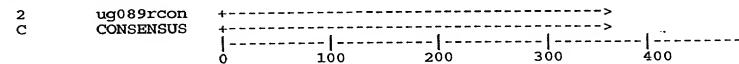
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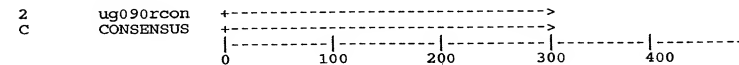
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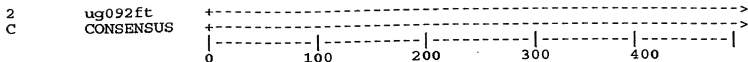
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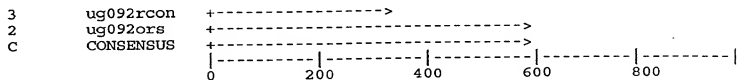
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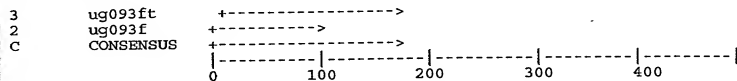
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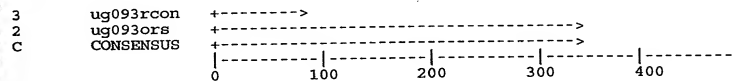
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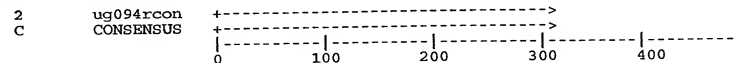
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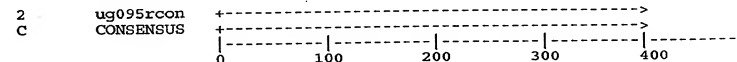
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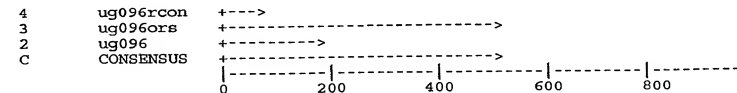
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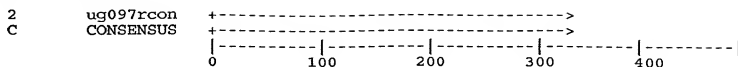
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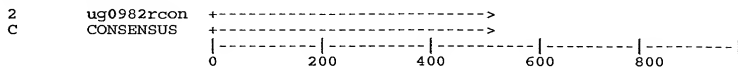
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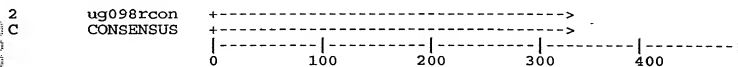
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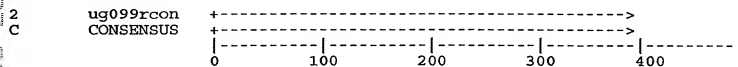
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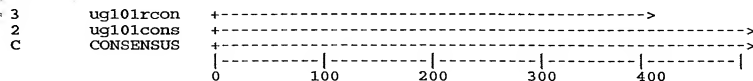
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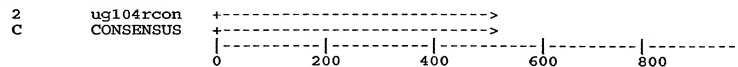
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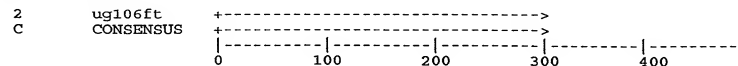
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Contig: ug104rcon

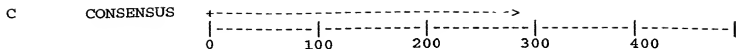


Contig: ug106ft

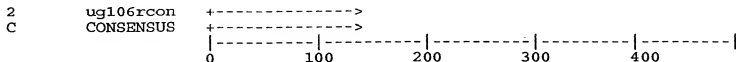


Contig: ug106ors

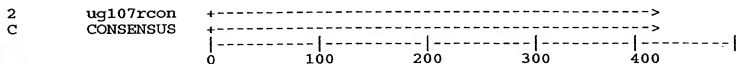




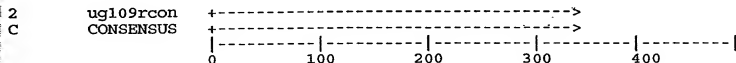
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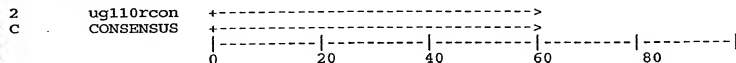
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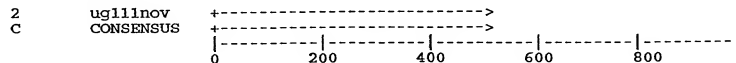
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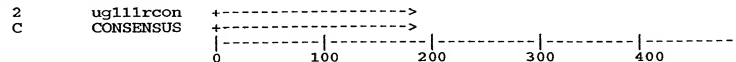
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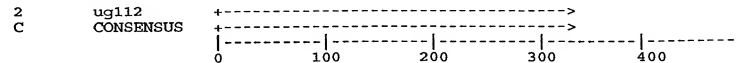
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Contig: ugi11rcon

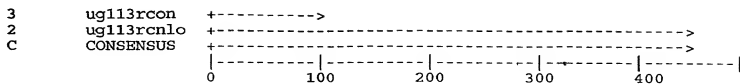


Contig: ugi112

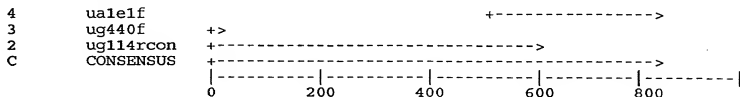


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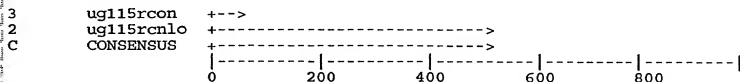
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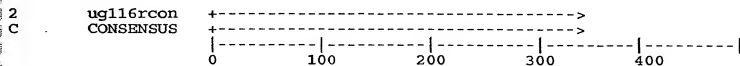
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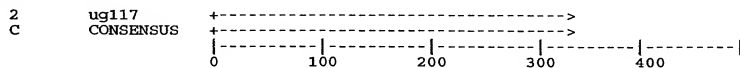
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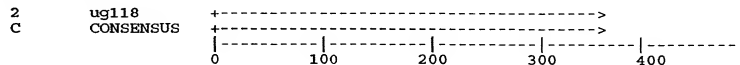
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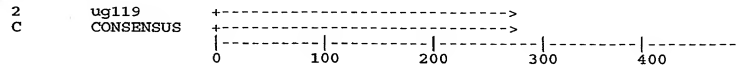
Contig: ug117



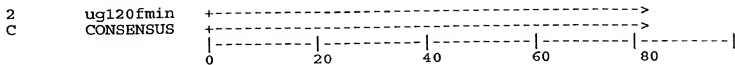
Contig: ug118



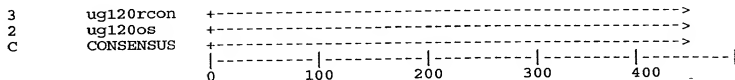
Contig: ug119



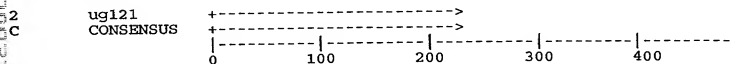
Contig: ug120fmin



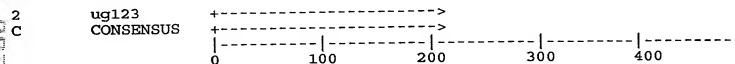
Contig: ug120os



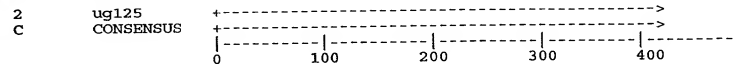
Contig: ug121



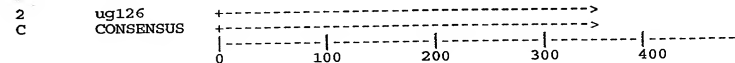
Contig: ug123



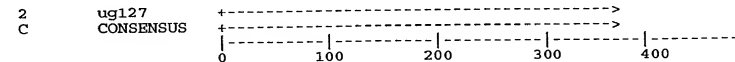
Contig: ug125



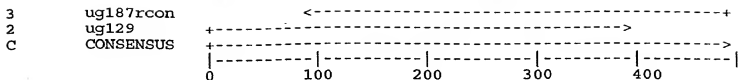
Contig: ug126



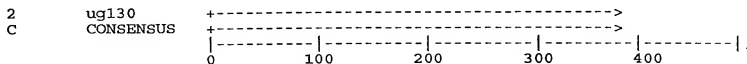
Contig: ug127



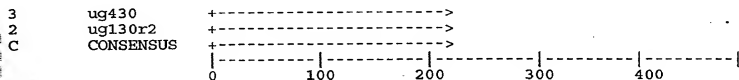
Contig: ug129



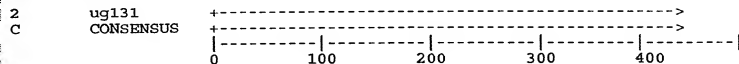
Contig: ug130



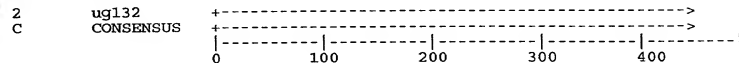
Contig: ug130r2



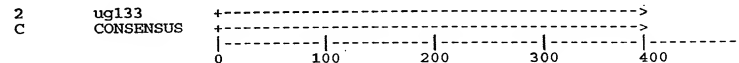
Contig: ug131



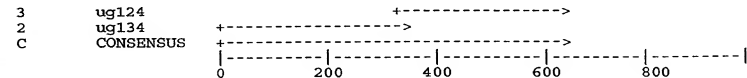
Contig: ug132



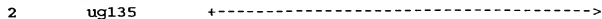
Contig: ug133

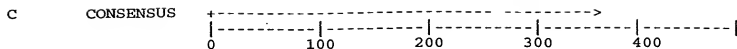


Contig: ug134

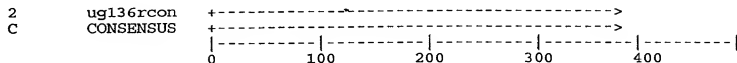


Contig: ug135

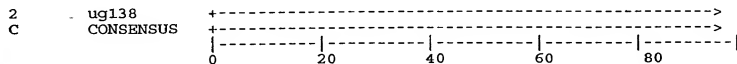




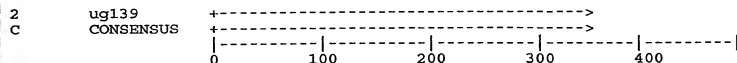
Contig: ugi36rcon



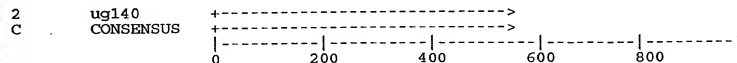
Contig: ugi138



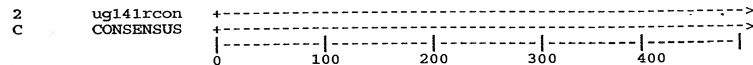
Contig: ugi139



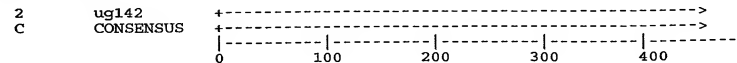
Contig: ugi140



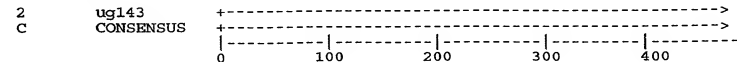
Contig: ugi141rcon



Contig: ugi142

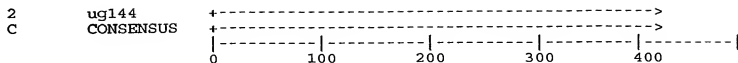


Contig: ugi143

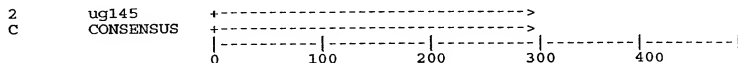


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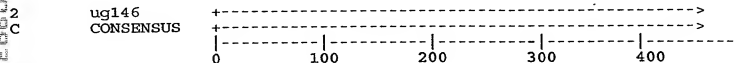
Contig: ug144



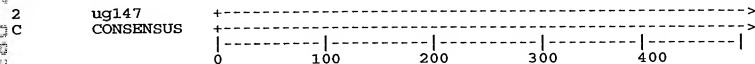
Contig: ug145



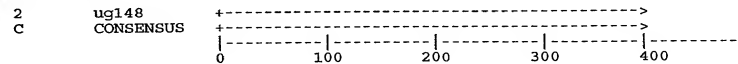
Contig: ug146



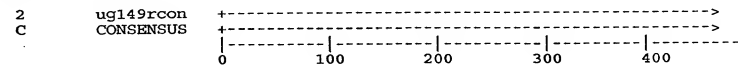
Contig: ug147



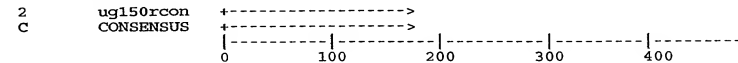
Contig: ug148



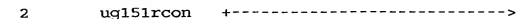
Contig: ug149rcon

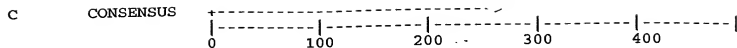


Contig: ug150rcon

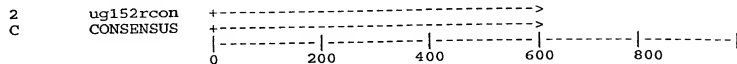


Contig: ug151rcon

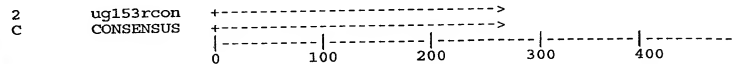




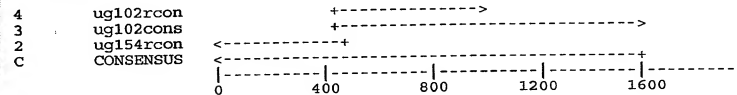
Contig: ug152rcon



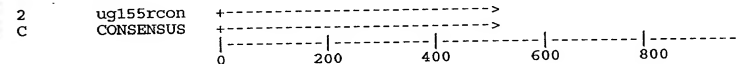
Contig: ug153rcon



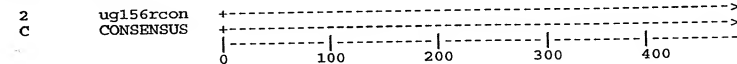
Contig: ug154rcon



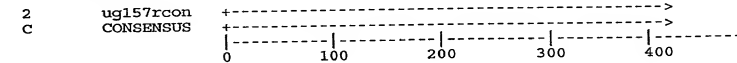
Contig: ug155rcon



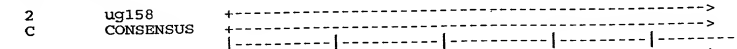
Contig: ug156rcon



Contig: ug157rcon



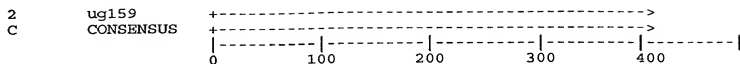
Contig: ug158



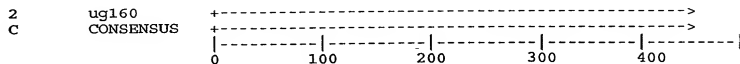
09333797-08201

0 100 200 300 400

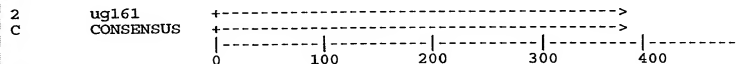
Contig: ug159



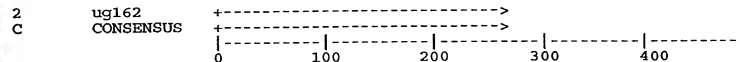
Contig: ug160



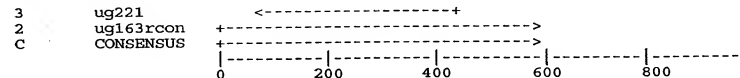
Contig: ug161



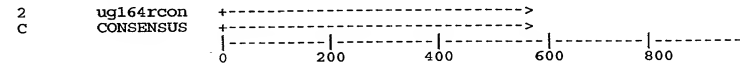
Contig: ug162



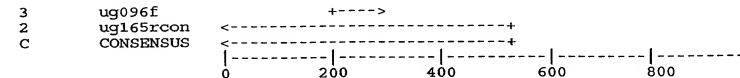
Contig: ug163rcon



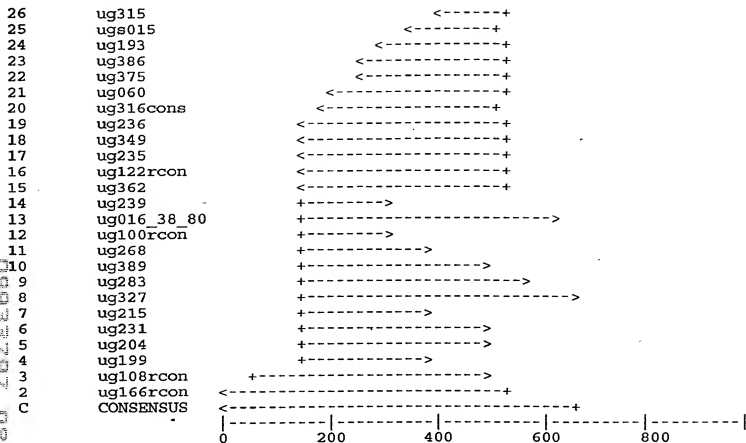
Contig: ug164rcon



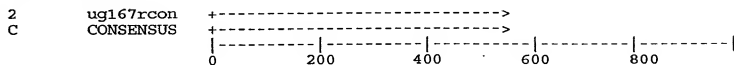
Contig: ug165rcon



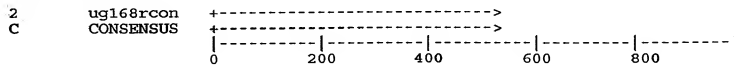
Contig: ug166rcon



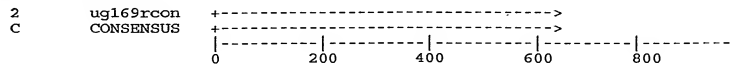
Contig: ug167rcon



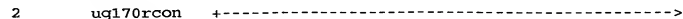
Contig: ug168rcon

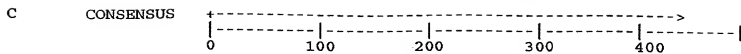


Contig: ug169rcon

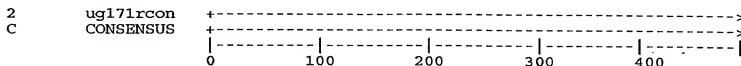


Contig: ug170rcon

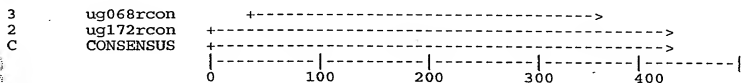




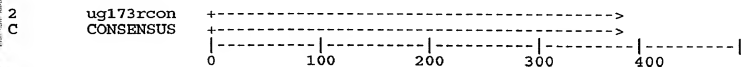
Contig: ugi71rcon



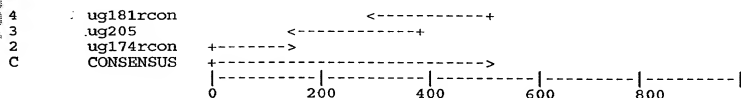
Contig: ugi72rcon



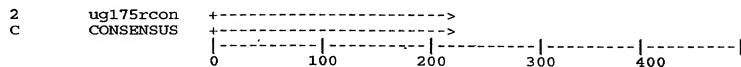
Contig: ugi73rcon



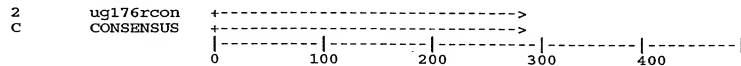
Contig: ugi74rcon



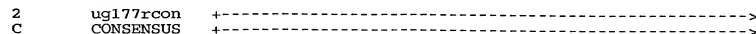
Contig: ugi75rcon



Contig: ugi76rcon



Contig: ugi77rcon



Horizontal Pools									
Vertical Pools	297	298	299	300	301	302	304	305	E16
	306	307	308	309	310	<u>311</u>	312	313	<u>E15</u>
	314	316	317	318	319	320	321	322	E14
	323	324	326	328	329	330	331	332	E13
	333	334	335	337	338	339	340	341	E12
	342	343	344	345	346	348	350	351	E11
	352	353	354	355	356	357	358	359	E10
	360	364	365	366	367	368	369	370	E9
	E1	E2	E3	E4	E5	<u>E6</u>	E7	E8	

FIG. 2

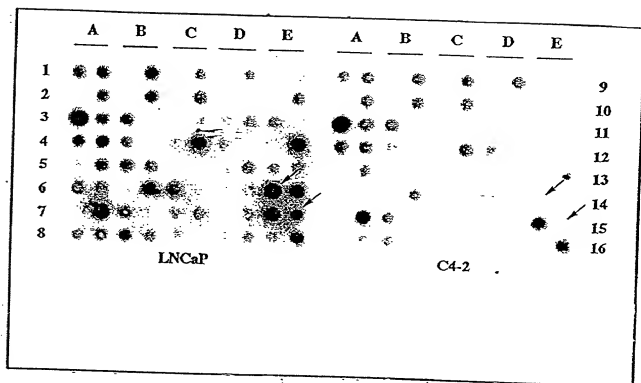


FIG. 3

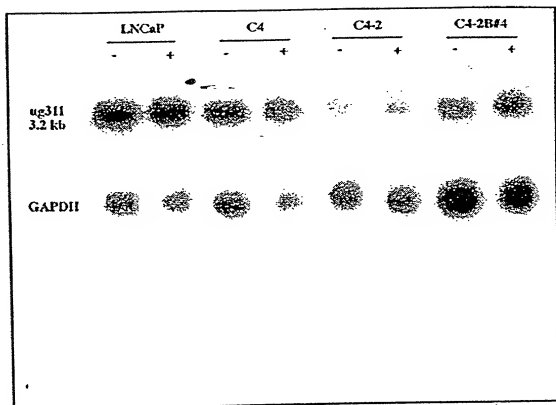


FIG. 4

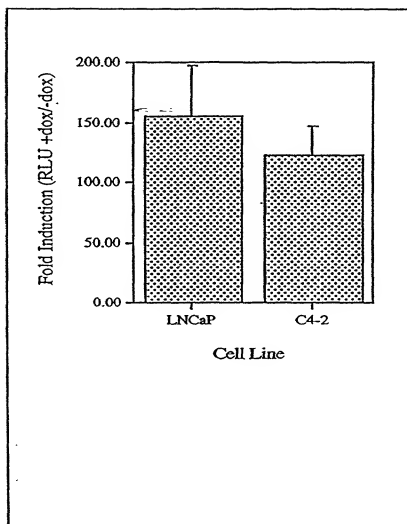


FIG. 5

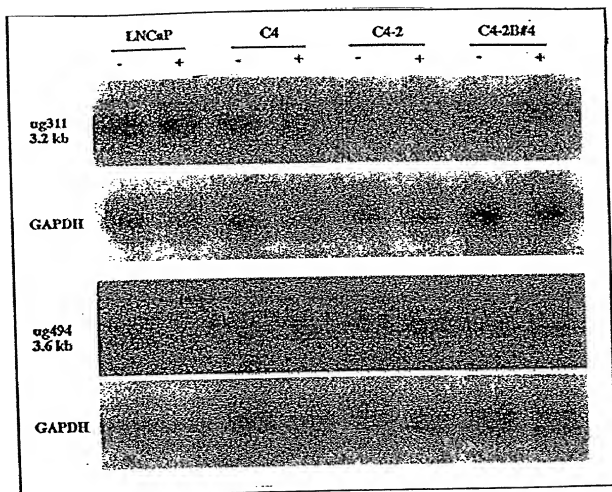


FIG. 6

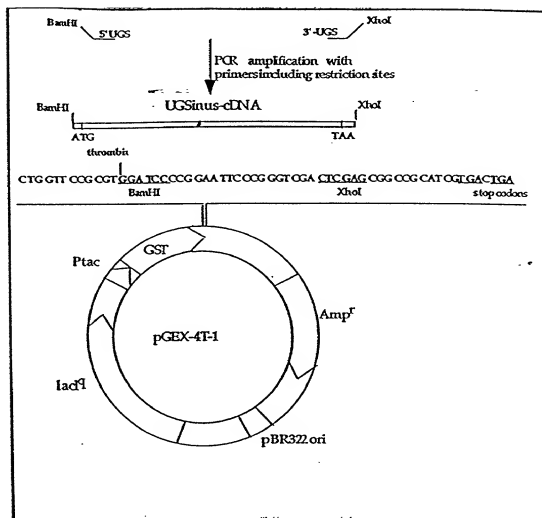
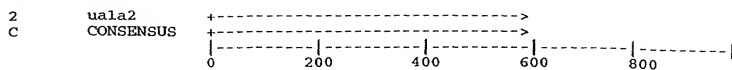


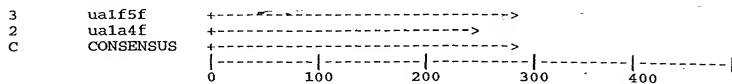
FIG. 7

09933797.082201

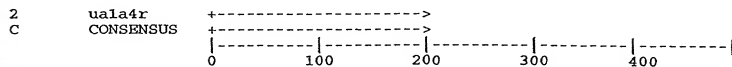
ntig: uala2



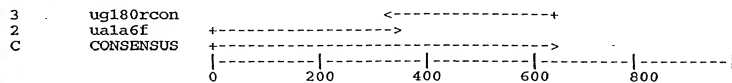
ntig: uala4f



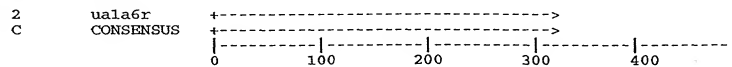
ntig: uala4r



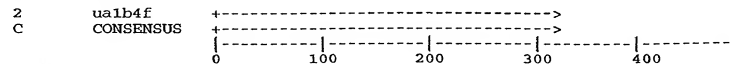
ntig: uala6f



ntig: uala6r



ontig: ualb4f



ontig: ualb4r

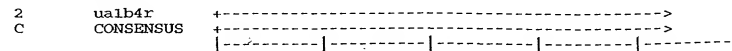
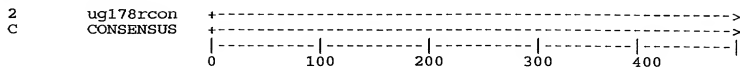


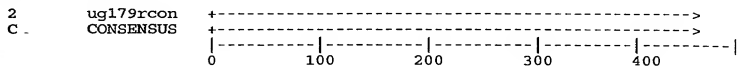
FIG. 8



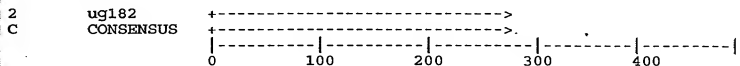
Contig: ug178rcon



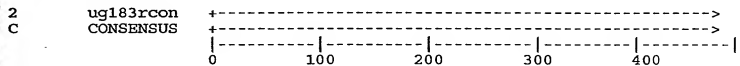
Contig: ug179rcon



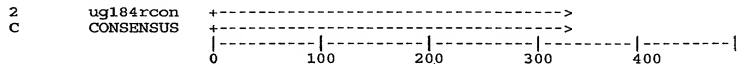
Contig: ug182



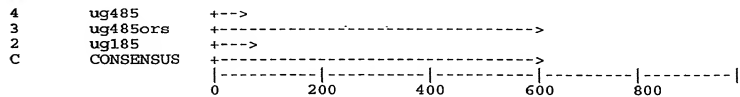
Contig: ug183rcon



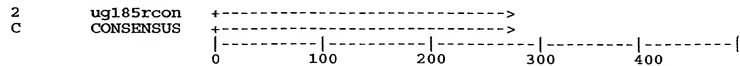
Contig: ug184rcon



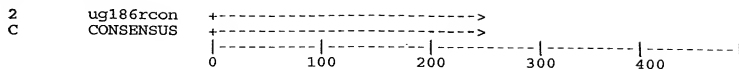
Contig: ug185



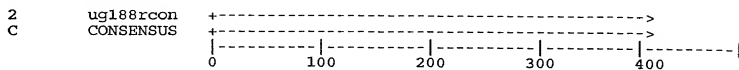
Contig: ug185rcon



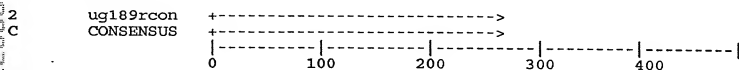
Contig: ug186rcon



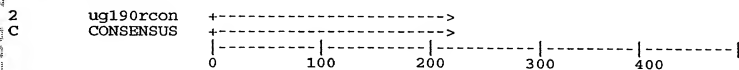
Contig: ug188rcon



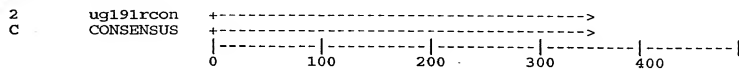
Contig: ug189rcon



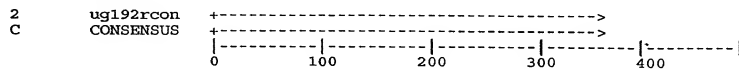
Contig: ug190rcon



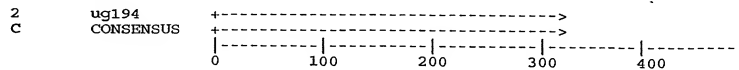
Contig: ug191rcon



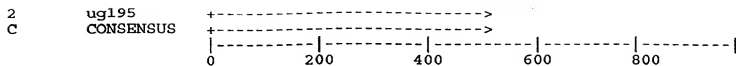
Contig: ug192rcon



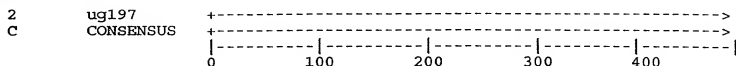
Contig: ug194



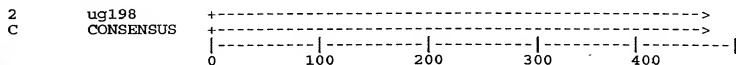
Contig: ug195



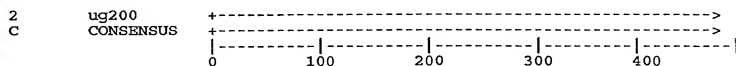
Contig: ug197



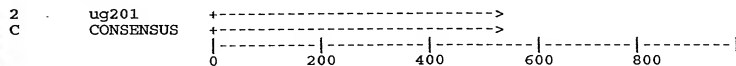
Contig: ug198



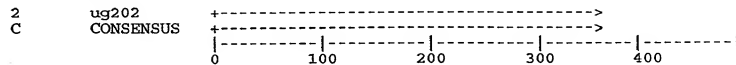
Contig: ug200



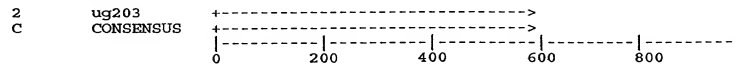
Contig: ug201



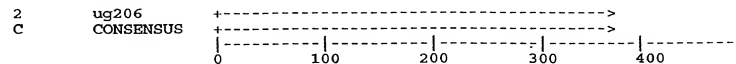
Contig: ug202



Contig: ug203

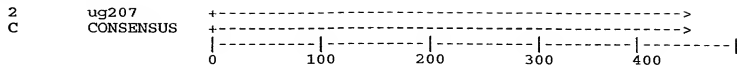


Contig: ug206

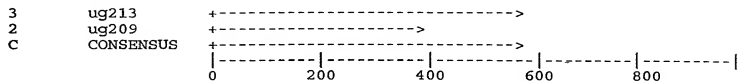


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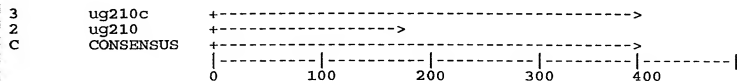
Contig: ug207



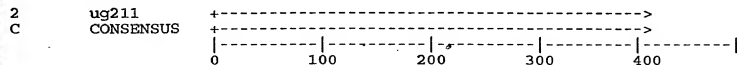
Contig: ug209



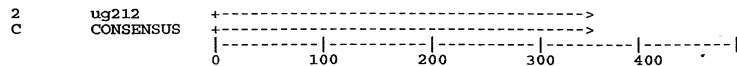
Contig: ug210



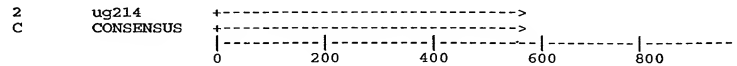
Contig: ug211



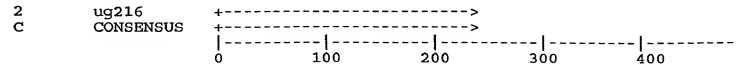
Contig: ug212



Contig: ug214



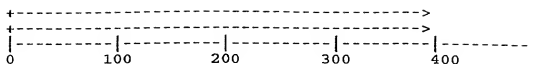
Contig: ug216



102280767082201

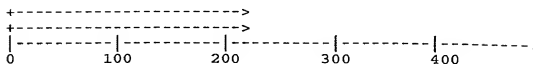
Contig: ug217

2 ug217
C CONSENSUS



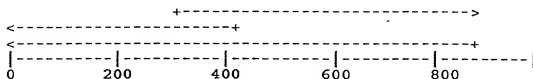
Contig: ug218

2 ug218
C CONSENSUS



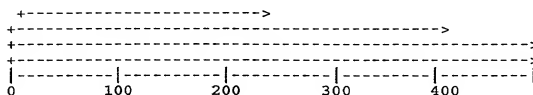
Contig: ug219

3 ug083rcon
2 ug219
C CONSENSUS



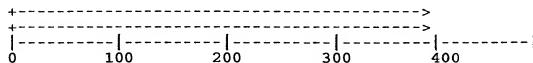
Contig: ug220

4 ugs104
3 ug411
2 ug220
C CONSENSUS



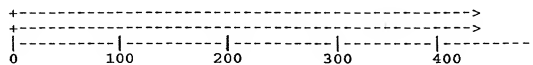
Contig: ug223

2 ug223
C CONSENSUS



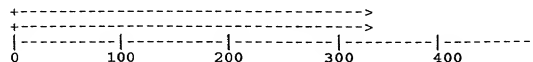
Contig: ug224

2 ug224
C CONSENSUS

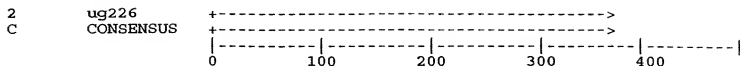


Contig: ug225

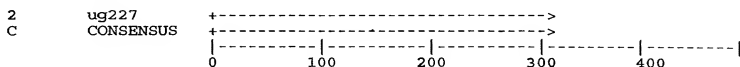
2 ug225
C CONSENSUS



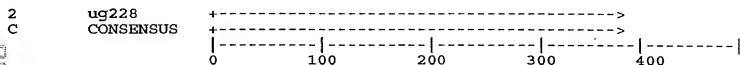
Contig: ug226



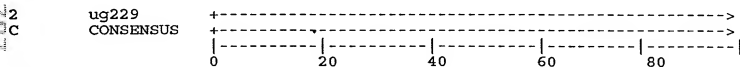
Contig: ug227



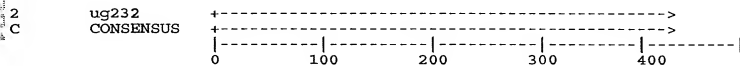
Contig: ug228



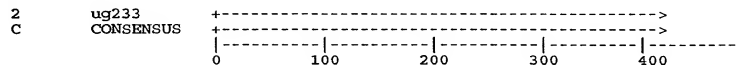
Contig: ug229



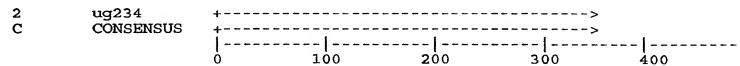
Contig: ug232



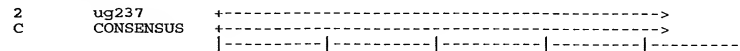
Contig: ug233



Contig: ug234

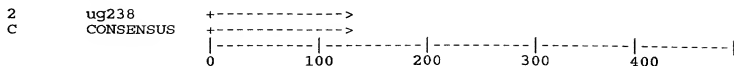


Contig: ug237

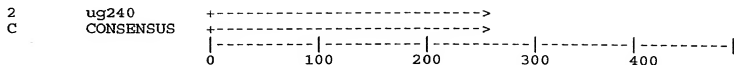


0 100 200 300 400

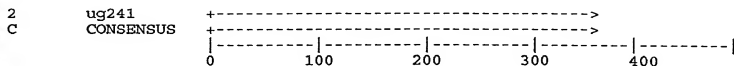
Contig: ug238



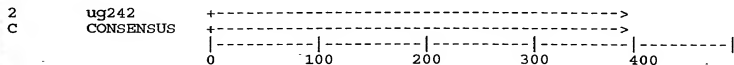
Contig: ug240



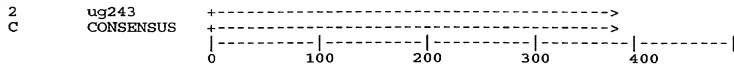
Contig: ug241



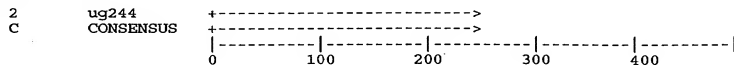
Contig: ug242



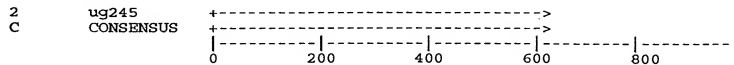
Contig: ug243



Contig: ug244

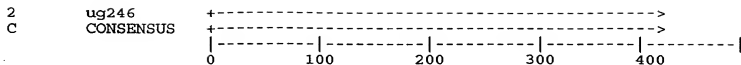


Contig: ug245



Contig: ug246

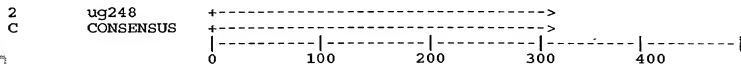
002280.2635566



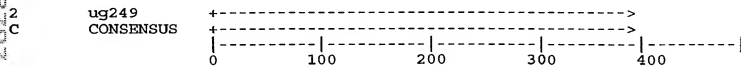
Contig: ug247



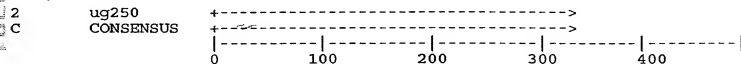
Contig: ug248



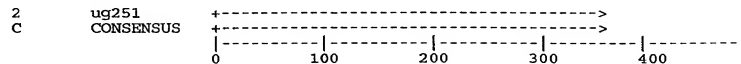
Contig: ug249



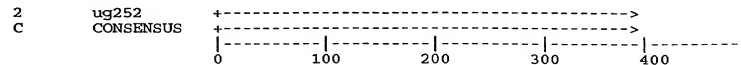
Contig: ug250



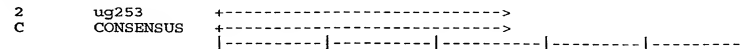
Contig: ug251



Contig: ug252

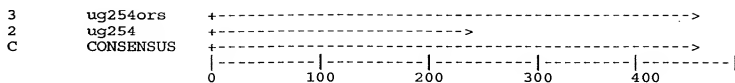


Contig: ug253



0 200 400 600 800

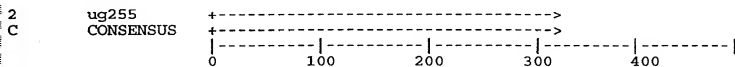
Contig: ug254



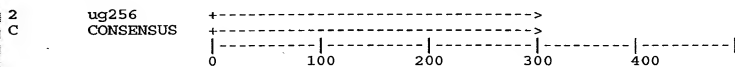
Contig: ug254f



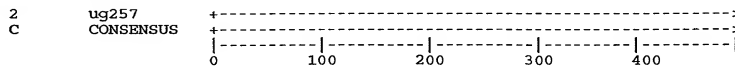
Contig: ug255



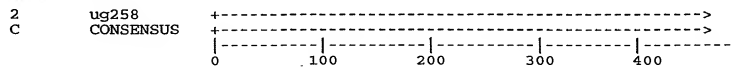
Contig: ug256



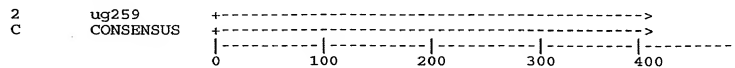
Contig: ug257



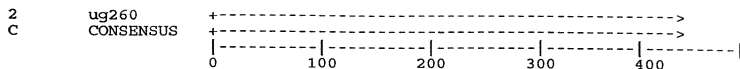
Contig: ug258



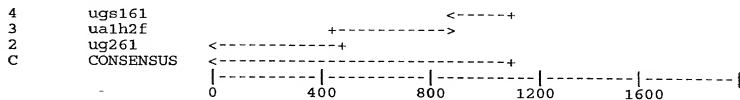
Contig: ug259



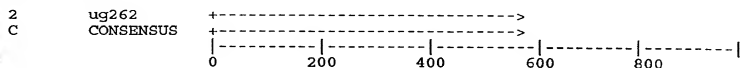
Contig: ug260



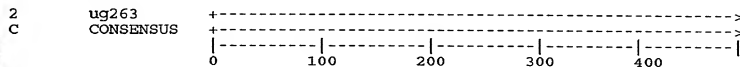
Contig: ug261



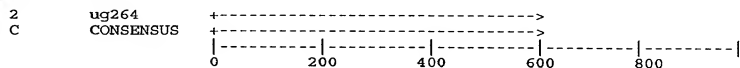
Contig: ug262



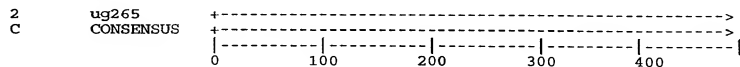
Contig: ug263



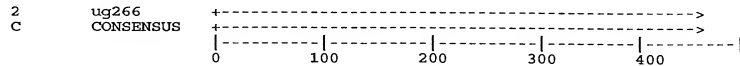
Contig: ug264



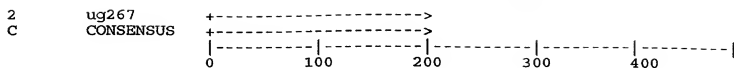
Contig: ug265



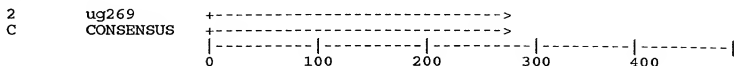
Contig: ug266



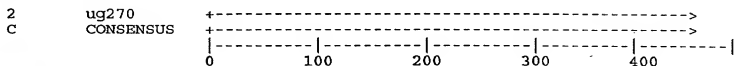
Contig: ug267



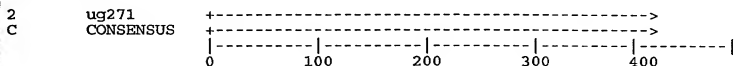
Contig: ug269



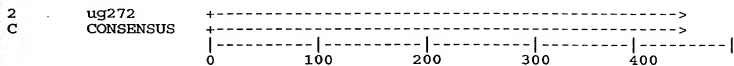
Contig: ug270



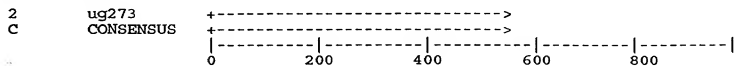
Contig: ug271



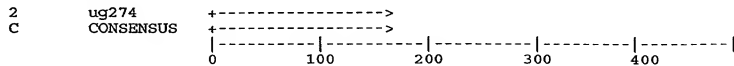
Contig: ug272



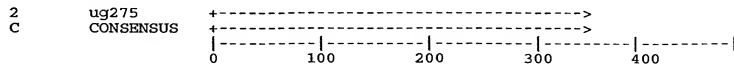
Contig: ug273



Contig: ug274



Contig: ug275



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Contig: ug277f

Contig: ug277t

Contig: uq278

2 ug278 +----->
C CONSENSUS +----->
|-----|-----|-----|-----|
0 100 200 300 400

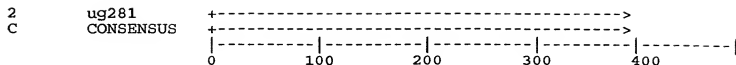
Contig: ug279

2 ug279 +----->
C CONSENSUS +----->
0 100 200 300 400

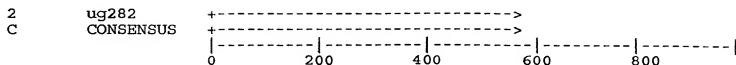
Contig: ug280

2 ug280 +----->
C CONSENSUS +----->
0 100 200 300 400

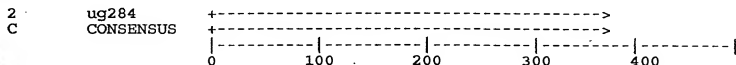
Contig: uq281



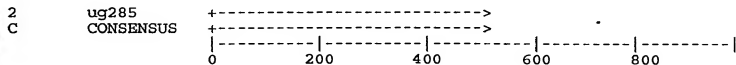
Contig: ug282



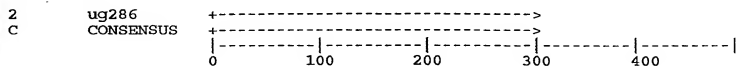
Contig: ug284



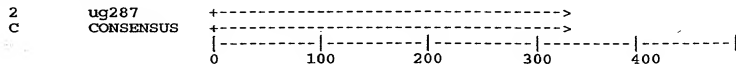
Contig: ug285



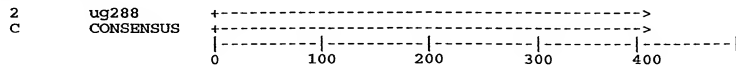
Contig: ug286



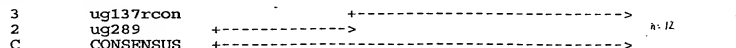
Contig: ug287



Contig: ug288

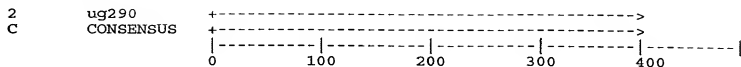


Contig: ug289

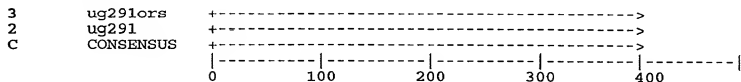




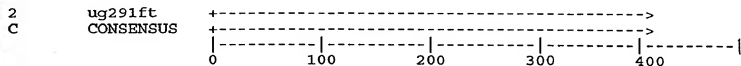
Contig: ug290



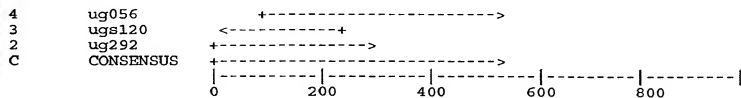
Contig: ug291



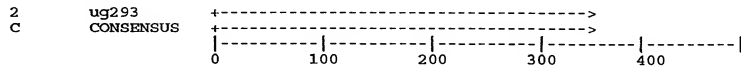
Contig: ug291ft



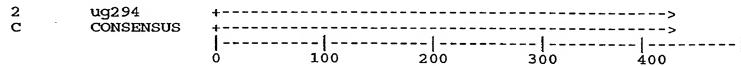
Contig: ug292



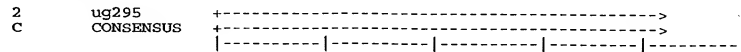
Contig: ug293



Contig: ug294



Contig: ug295

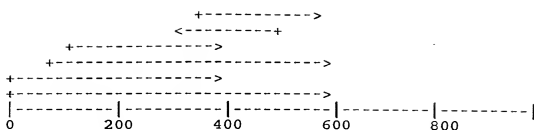


102280 2644460

0 100 200 300 400

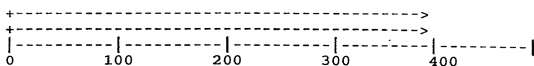
Contig: ug296

6 ug103rcon
5 ugs094
4 ug336
3 ug002rcon
2 ug296
C CONSENSUS



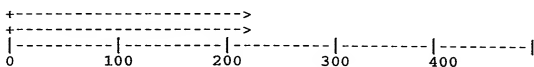
Contig: ug297

2 ug297
C CONSENSUS



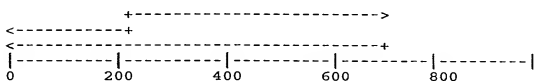
Contig: ug298

2 ug298
C CONSENSUS



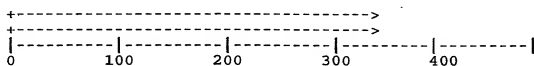
Contig: ug299

3 ua2h6f
2 ug299
C CONSENSUS



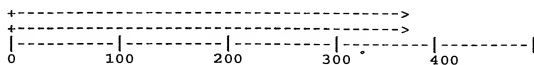
Contig: ug300

2 ug300
C CONSENSUS



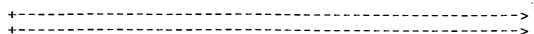
Contig: ug301

2 ug301
C CONSENSUS

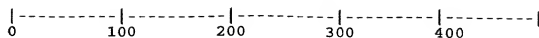


Contig: ug303

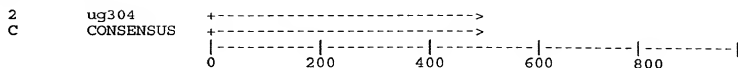
2 ug303
C CONSENSUS



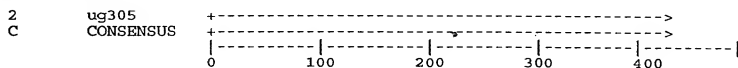
09933797.002201



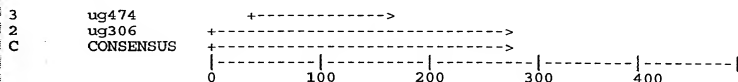
Contig: ug304



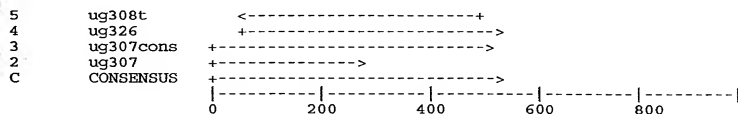
Contig: ug305



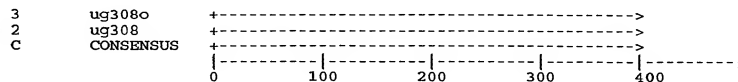
Contig: ug306



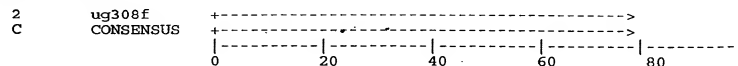
Contig: ug307



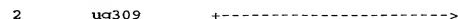
Contig: ug308

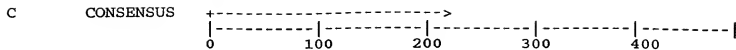


Contig: ug308f



Contig: ug309

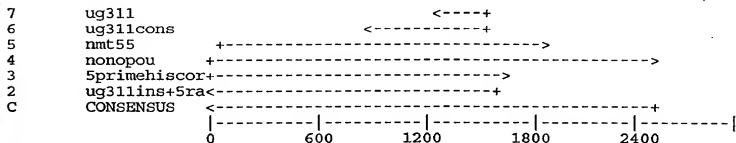




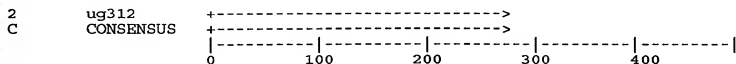
Contig: ug310



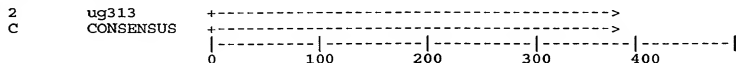
Contig: ug311ins+5race



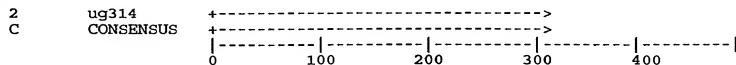
Contig: ug312



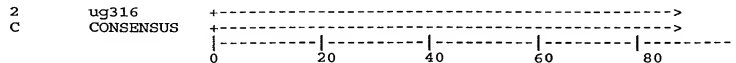
Contig: ug313



Contig: ug314

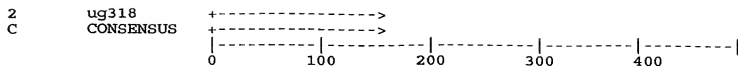


Contig: ug316

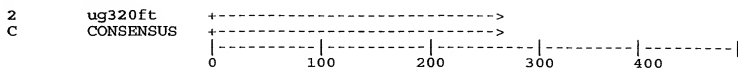


Contig: ug318

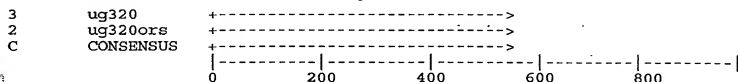
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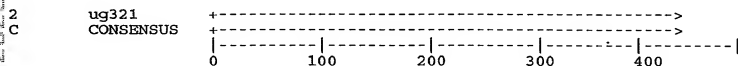
Contig: ug320ft



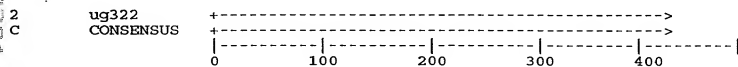
Contig: ug320ors



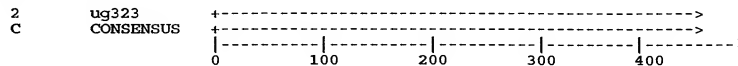
Contig: ug321



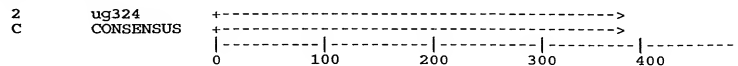
Contig: ug322



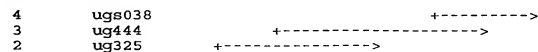
Contig: ug323



Contig: ug324

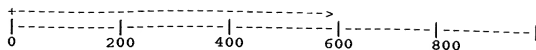


Contig: ug325



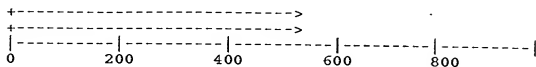
09613797-02201

C CONSENSUS



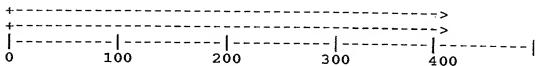
Contig: ug328

2 ug328
C CONSENSUS



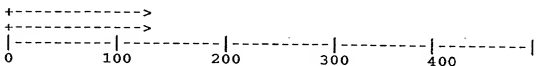
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2 ug329
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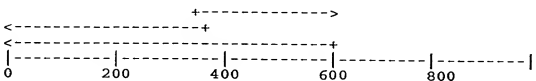
Contig: ug330

2 ug330
C CONSENSUS



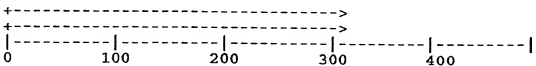
Contig: ug331

3 ug091rcon
2 ug331
C CONSENSUS



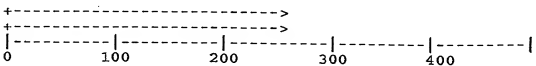
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2 ug332
C CONSENSUS



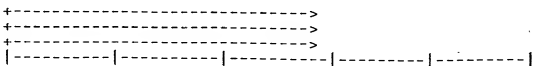
Contig: ug333

2 ug333
C CONSENSUS



Contig: ug334

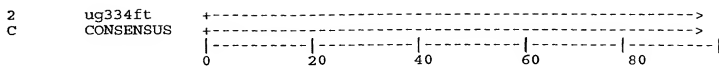
3 ug334ors
2 ug334
C CONSENSUS



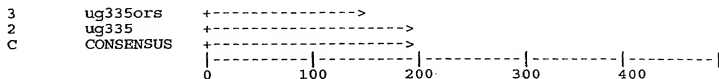
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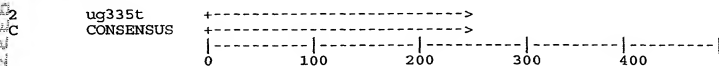
Contig: ug334ft



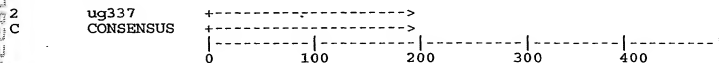
Contig: ug335



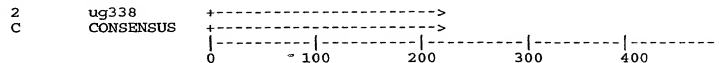
Contig: ug335t



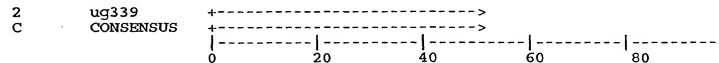
Contig: ug337



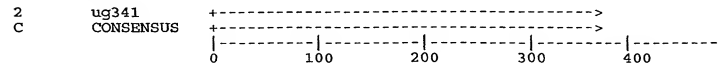
Contig: ug338



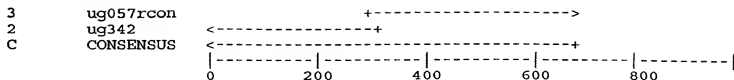
Contig: ug339



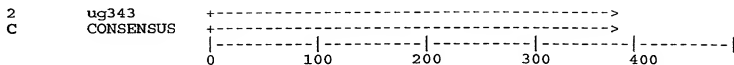
Contig: ug341



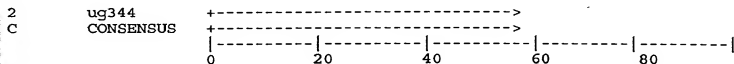
Contig: ug342



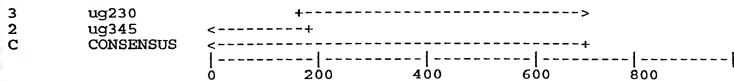
Contig: ug343



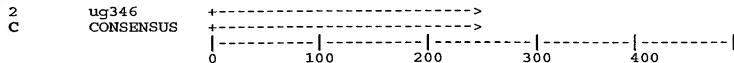
Contig: ug344



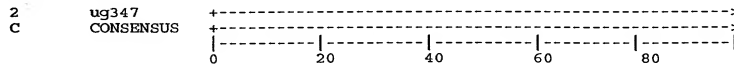
Contig: ug345



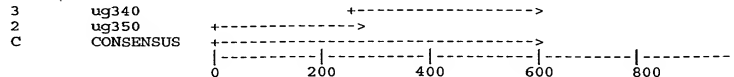
Contig: ug346



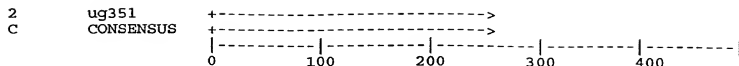
Contig: ug347



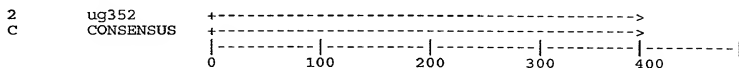
Contig: ug350



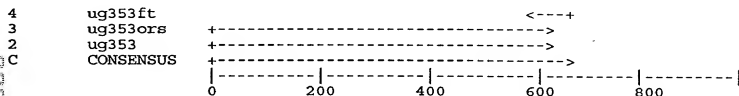
Contig: ug351



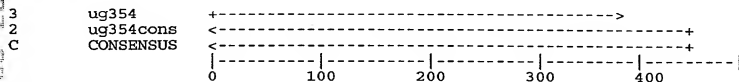
Contig: ug352



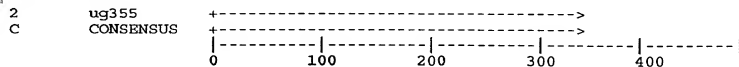
Contig: ug353



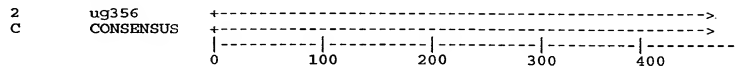
Contig: ug354cons



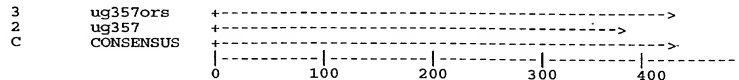
Contig: ug355



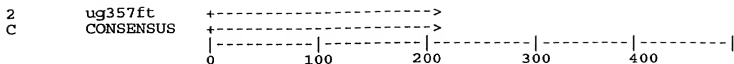
Contig: ug356



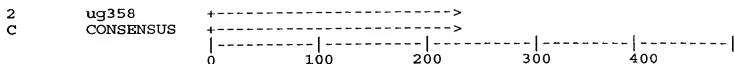
Contig: ug357



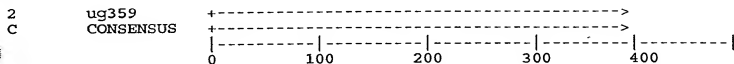
Contig: ug357ft



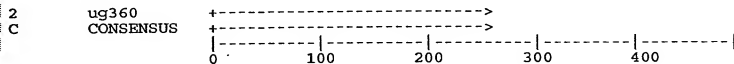
Contig: ug358



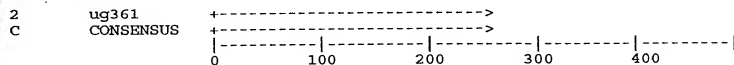
Contig: ug359



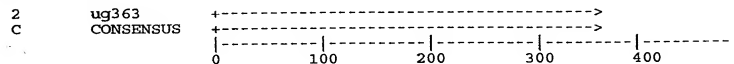
Contig: ug360



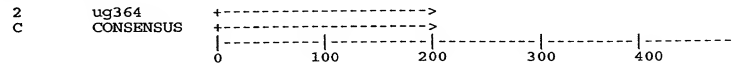
Contig: ug361



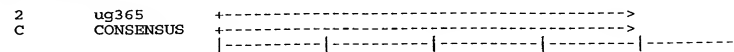
Contig: ug363



Contig: ug364

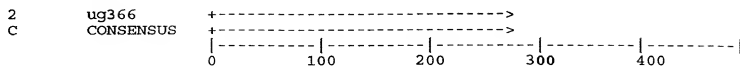


Contig: ug365

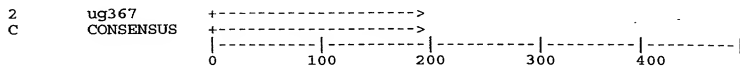


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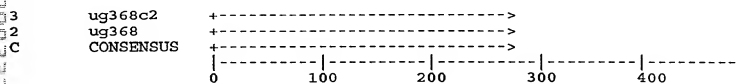
Contig: ug366



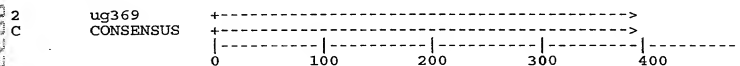
Contig: ug367



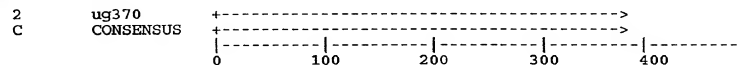
Contig: ug368



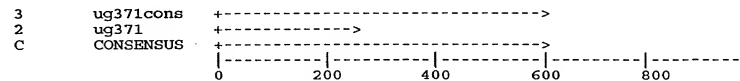
Contig: ug369



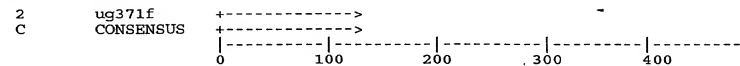
Contig: ug370



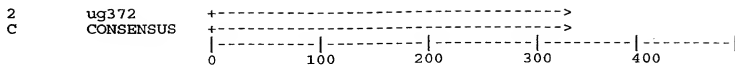
Contig: ug371



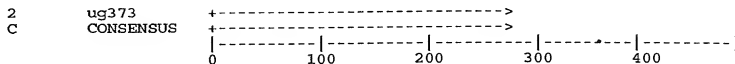
Contig: ug371f



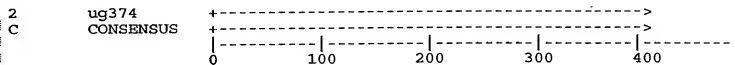
Contig: ug372



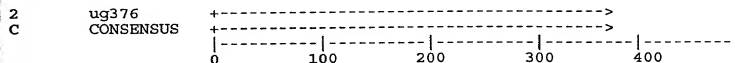
Contig: ug373



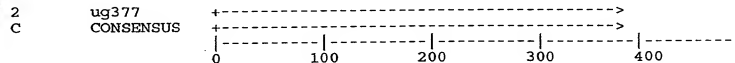
Contig: ug374



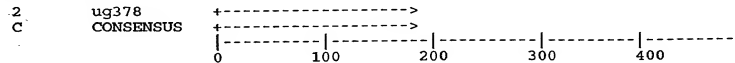
Contig: ug376



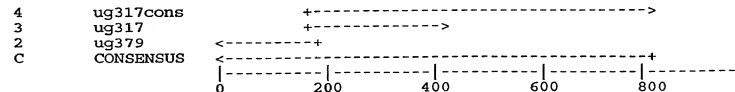
Contig: ug377



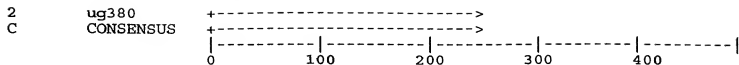
Contig: ug378



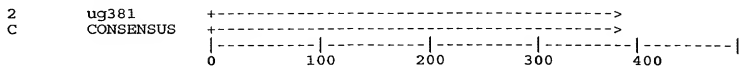
Contig: ug379



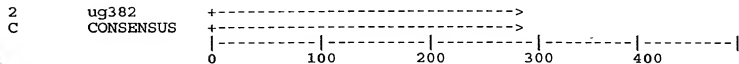
Contig: ug380



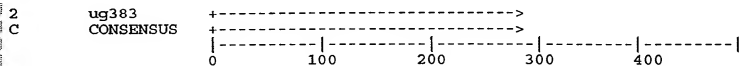
Contig: ug381



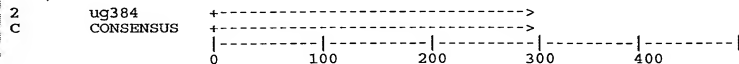
Contig: ug382



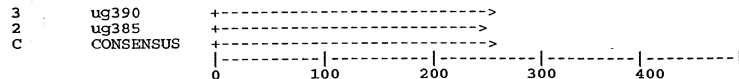
Contig: ug383



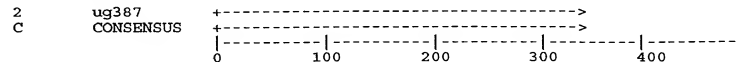
Contig: ug384



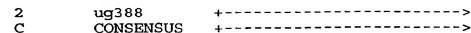
Contig: ug385



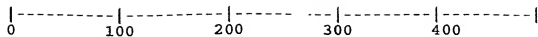
Contig: ug387



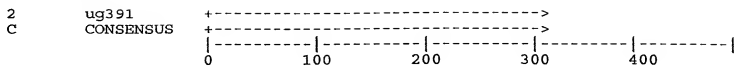
Contig: ug388



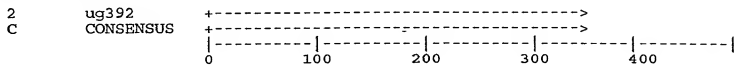
0933797-02201



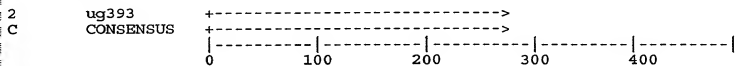
Contig: ug391



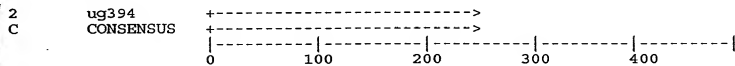
Contig: ug392



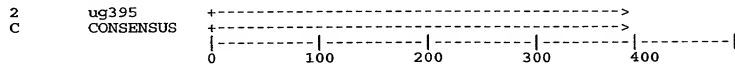
Contig: ug393



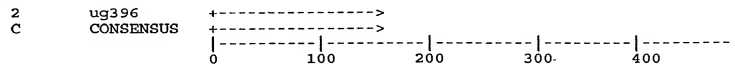
Contig: ug394



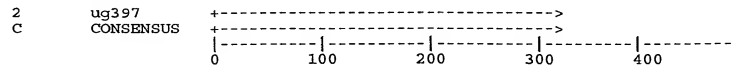
Contig: ug395



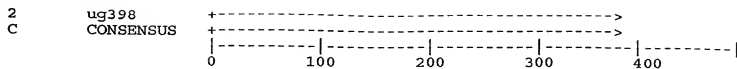
Contig: ug396



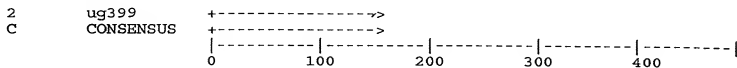
Contig: ug397



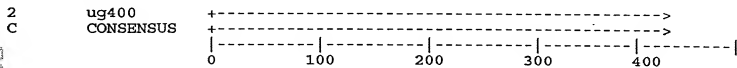
Contig: ug398



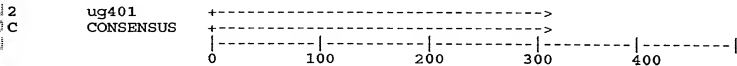
Contig: ug399



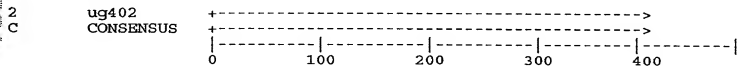
Contig: ug400



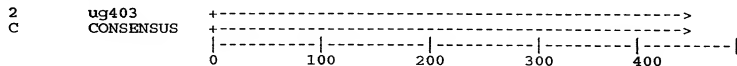
Contig: ug401



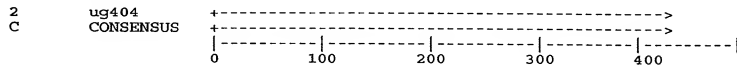
Contig: ug402



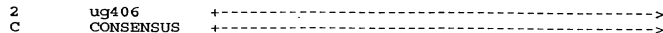
Contig: ug403

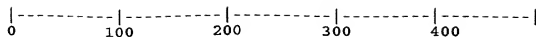


Contig: ug404

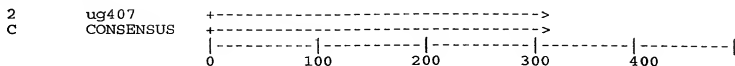


Contig: ug406

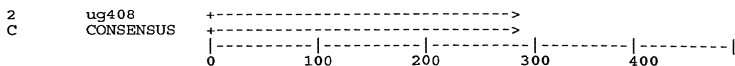




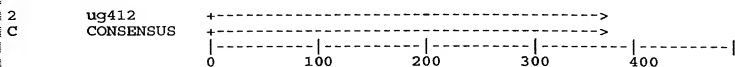
Contig: ug407



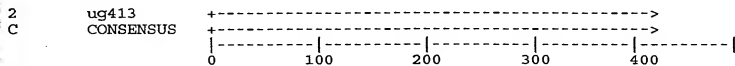
Contig: ug408



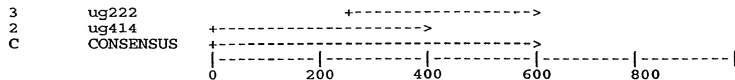
Contig: ug412



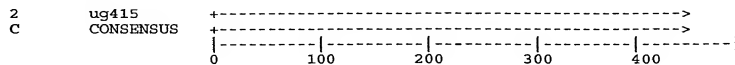
Contig: ug413



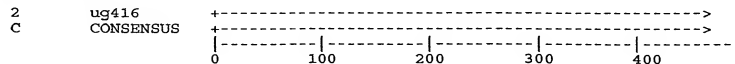
Contig: ug414



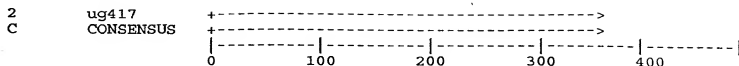
Contig: ug415



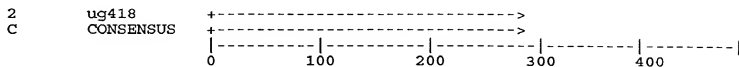
Contig: ug416



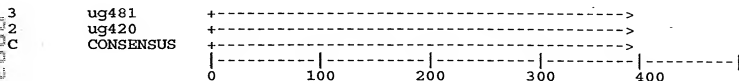
Contig: ug417



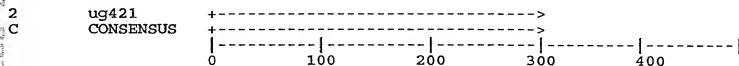
Contig: ug418



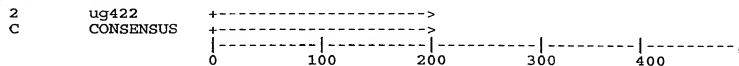
Contig: ug420



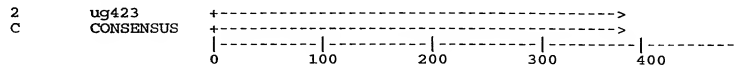
Contig: ug421



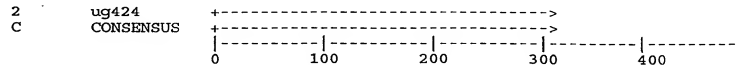
Contig: ug422



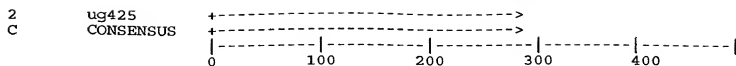
Contig: ug423



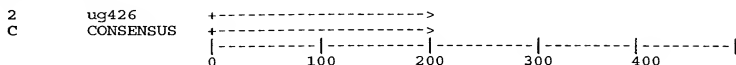
Contig: ug424



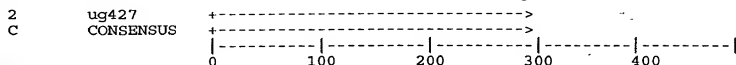
Contig: ug425



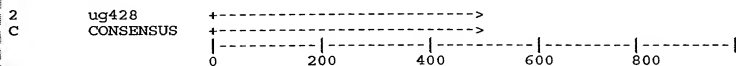
Contig: ug426



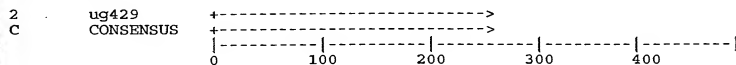
Contig: ug427



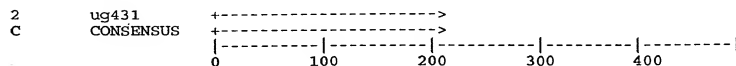
Contig: ug428



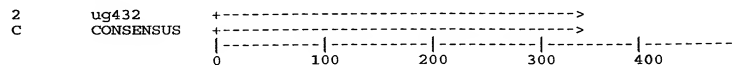
Contig: ug429



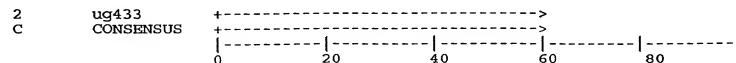
Contig: ug431



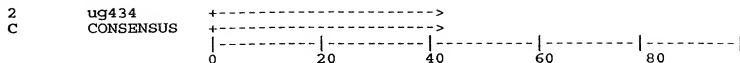
Contig: ug432



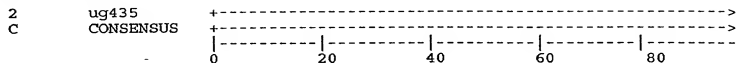
Contig: ug433



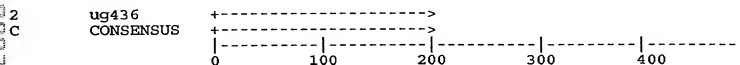
Contig: ug434



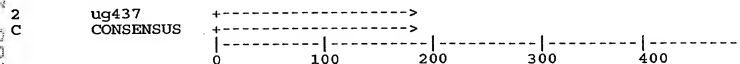
Contig: ug435



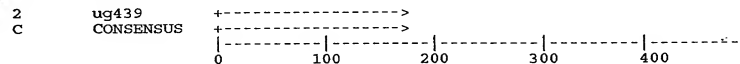
Contig: ug436



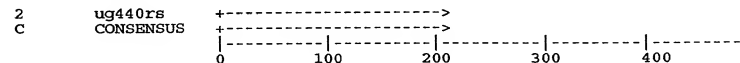
Contig: ug437



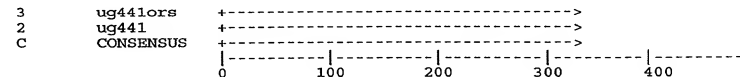
Contig: ug439



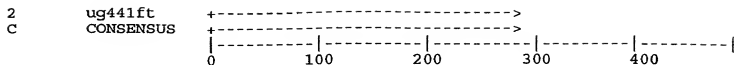
Contig: ug440rs



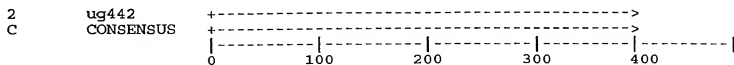
Contig: ug441



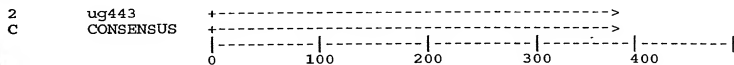
Contig: ug441ft



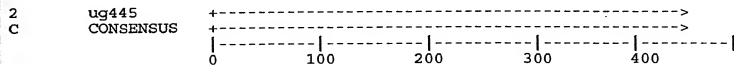
Contig: ug442



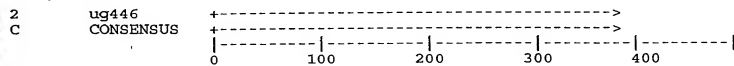
Contig: ug443



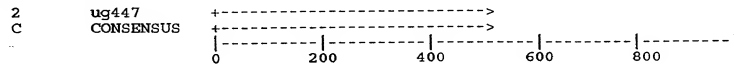
Contig: ug445



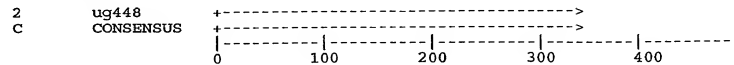
Contig: ug446



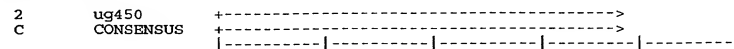
Contig: ug447



Contig: ug448



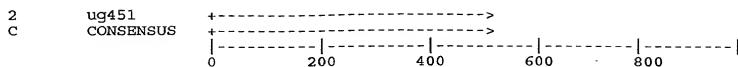
Contig: ug450



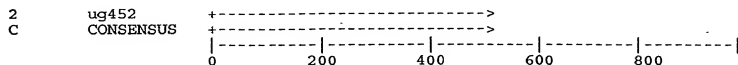
09033797-02201

0 100 200 300 400

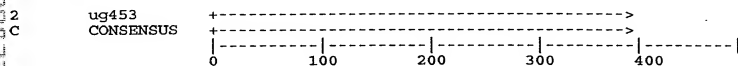
Contig: ug451



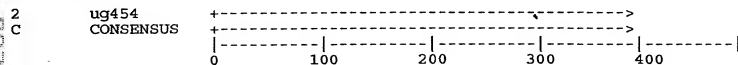
Contig: ug452



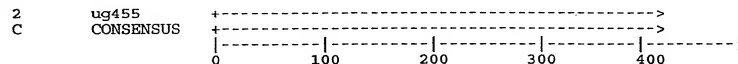
Contig: ug453



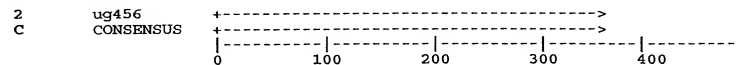
Contig: ug454



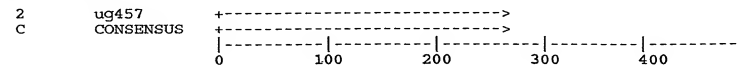
Contig: ug455



Contig: ug456



Contig: ug457



Contig: ug458

2 ug458 +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug459

2 ug459 +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug45con

3 ug045 +----->
 2 ug45con +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug460

2 ug460 +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug461

2 ug461 +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug462

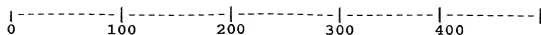
2 ug462 +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug463

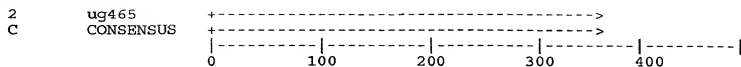
2 ug463 +----->
 C CONSENSUS +----->
 |-----|-----|-----|-----|
 0 100 200 300 400

Contig: ug464

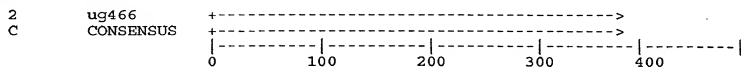
2 ug464 +----->
 C CONSENSUS +----->



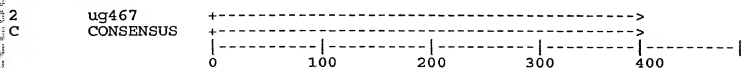
Contig: ug465



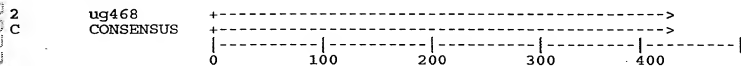
Contig: ug466



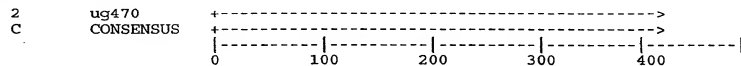
Contig: ug467



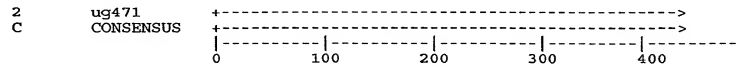
Contig: ug468



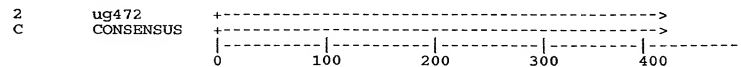
Contig: ug470



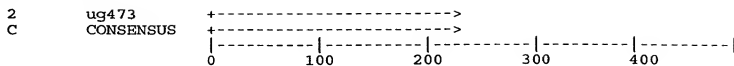
Contig: ug471



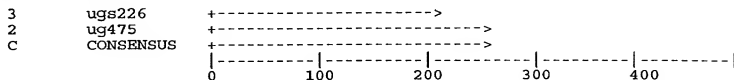
Contig: ug472



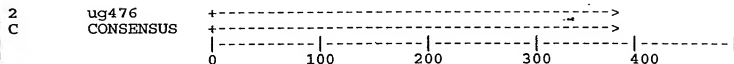
Contig: ug473



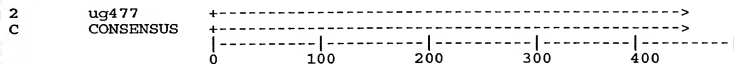
Contig: ug475



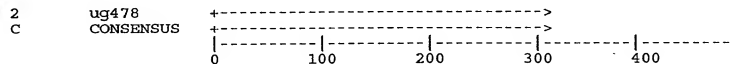
Contig: ug476



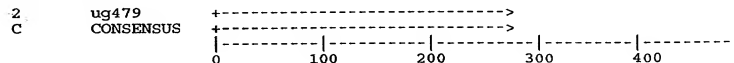
Contig: ug477



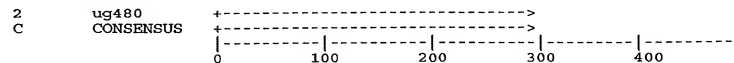
Contig: ug478



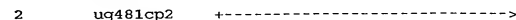
Contig: ug479

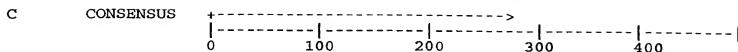


Contig: ug480

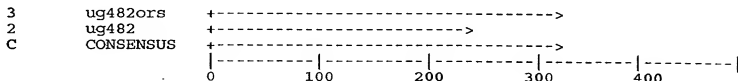


Contig: ug481cp2

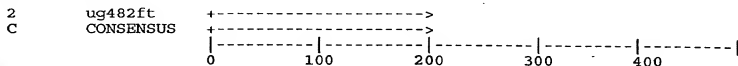




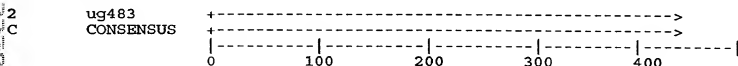
Contig: ug482



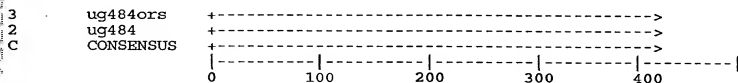
Contig: ug482ft



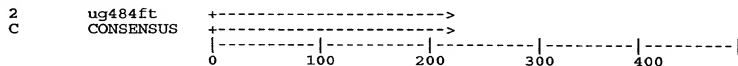
Contig: ug483



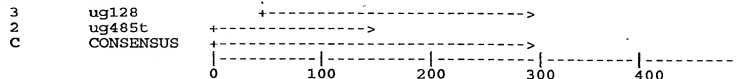
Contig: ug484



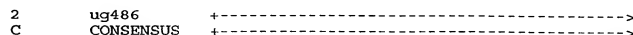
Contig: ug484ft

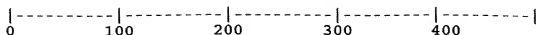


Contig: ug485t

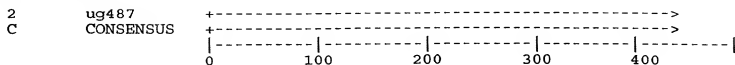


Contig: ug486

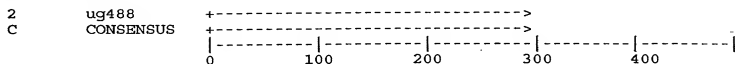




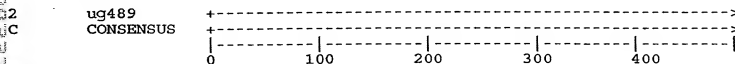
Contig: ug487



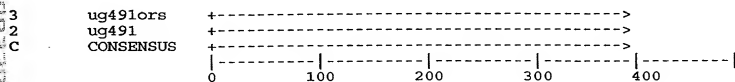
Contig: ug488



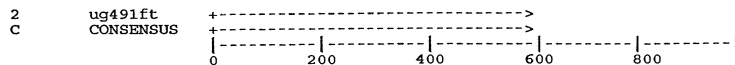
Contig: ug489



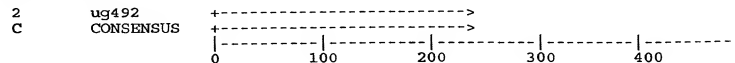
Contig: ug491



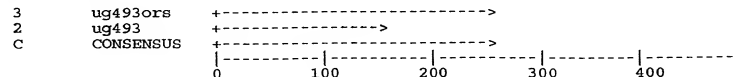
Contig: ug491ft



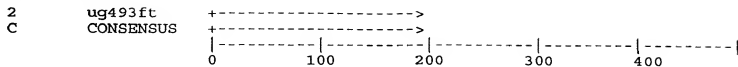
Contig: ug492



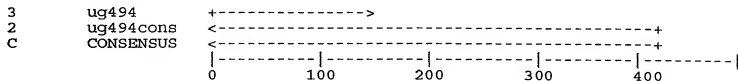
Contig: ug493



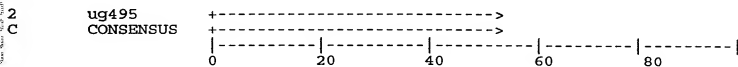
Contig: ug493ft



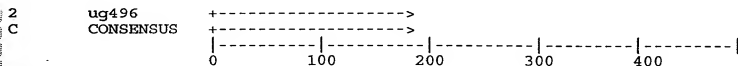
Contig: ug494cons



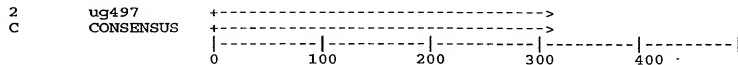
Contig: ug495



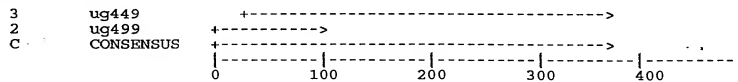
Contig: ug496



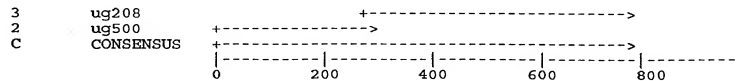
Contig: ug497



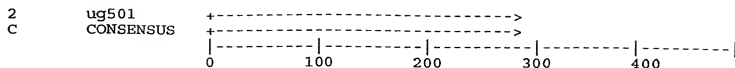
Contig: ug499



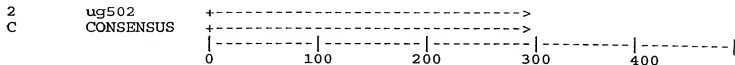
Contig: ug500



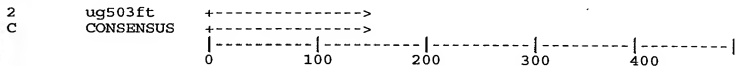
Contig: ug501



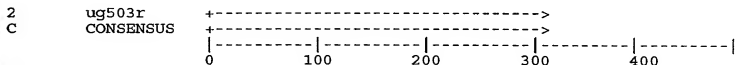
Contig: ug502



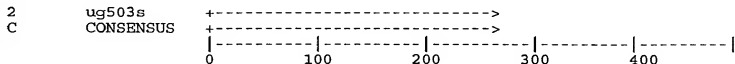
Contig: ug503ft



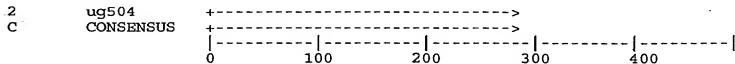
Contig: ug503r



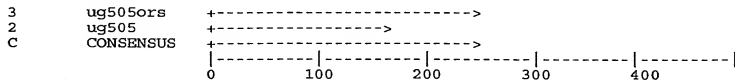
Contig: ug503s



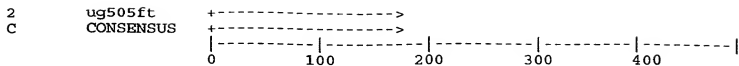
Contig: ug504



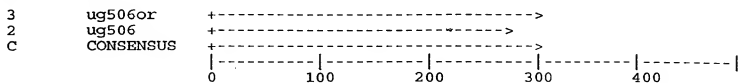
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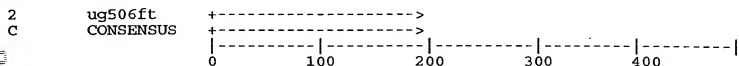
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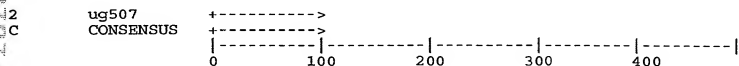
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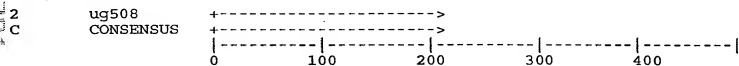
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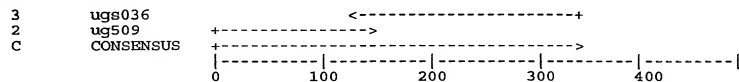
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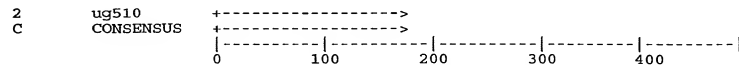
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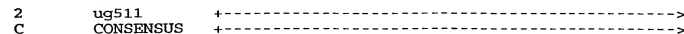
Contig: ug509

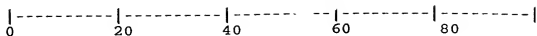


Contig: ug510

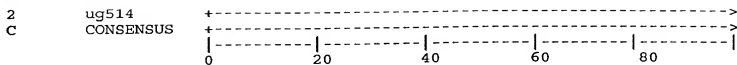


Contig: ug511

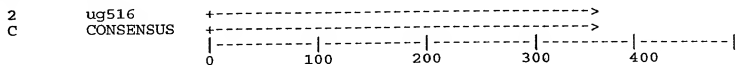




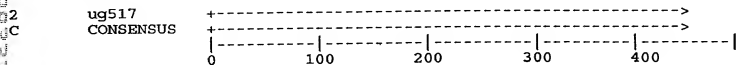
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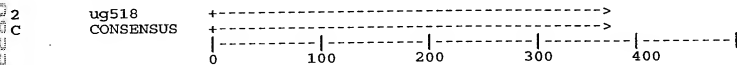
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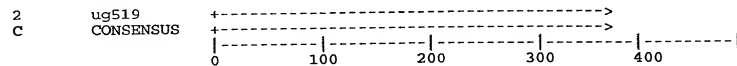
Contig: ug517



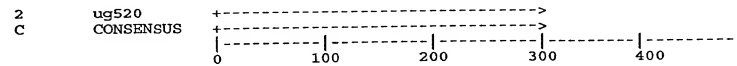
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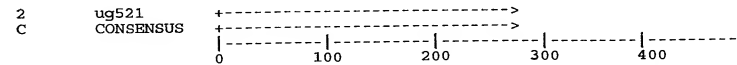
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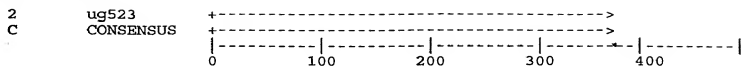
Contig: ug520



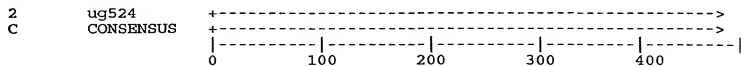
Contig: ug521



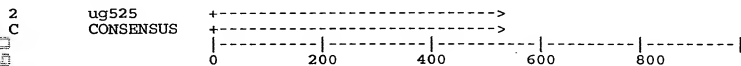
Contig: ug523



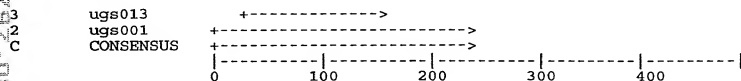
Contig: ug524



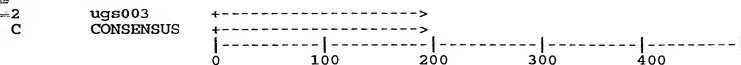
Contig: ug525



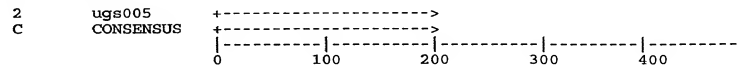
Contig: ugs001



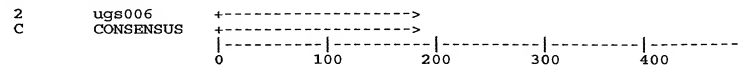
Contig: ugs003



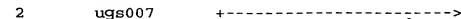
Contig: ugs005

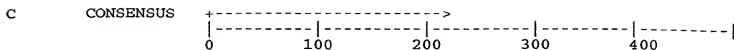


Contig: ugs006

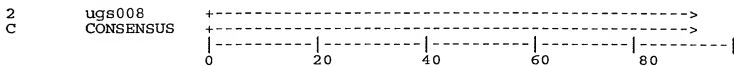


Contig: ugs007

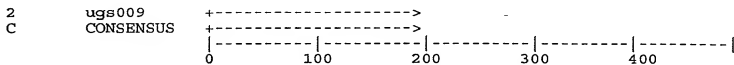




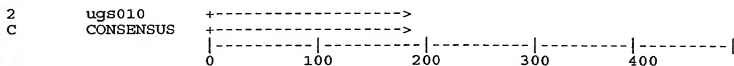
Contig: ugs008



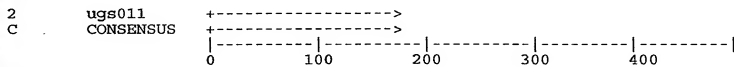
Contig: ugs009



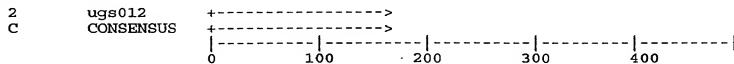
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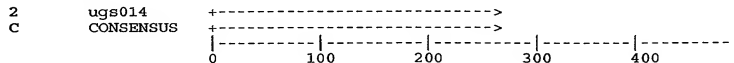
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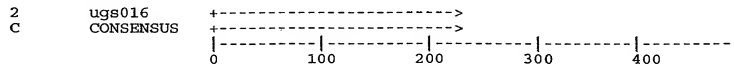
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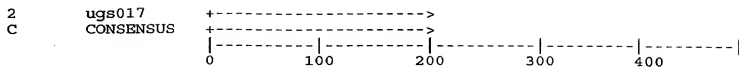
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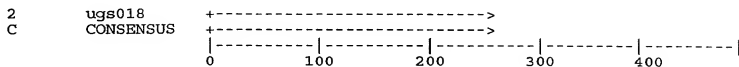
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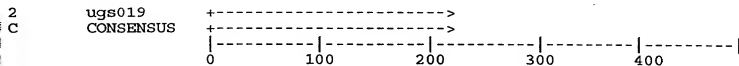
Contig: ugs017



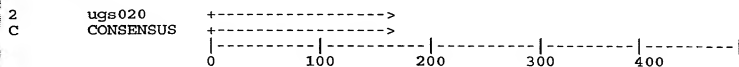
Contig: ugs018



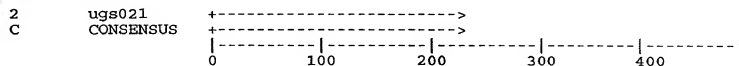
Contig: ugs019



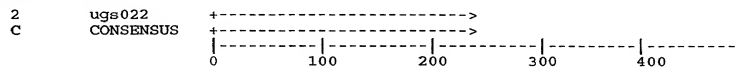
Contig: ugs020



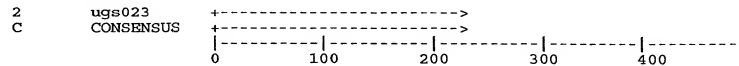
Contig: ugs021



Contig: ugs022

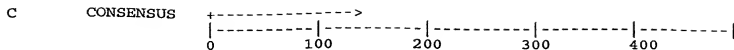


Contig: ugs023



Contig: ugs024

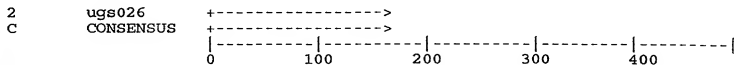




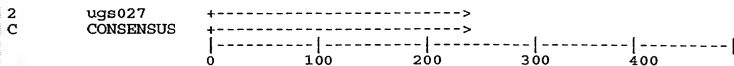
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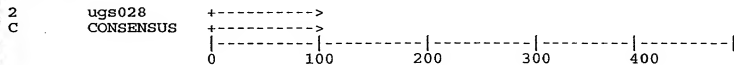
Contig: ugs026



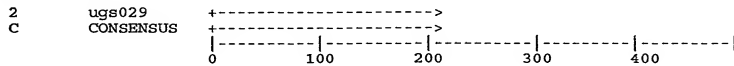
Contig: ugs027



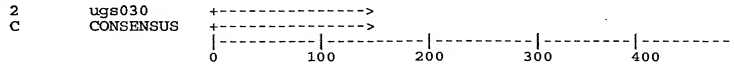
Contig: ugs028



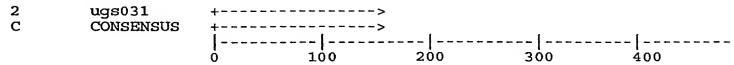
Contig: ugs029



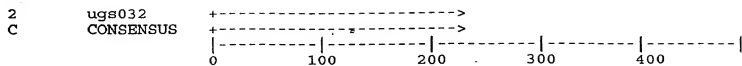
Contig: ugs030



Contig: ugs031



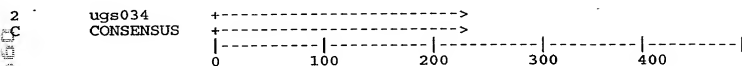
Contig: ugs032



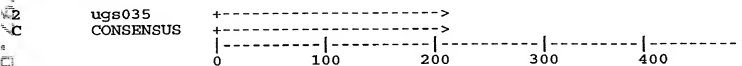
Contig: ugs033



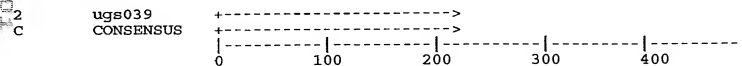
Contig: ugs034



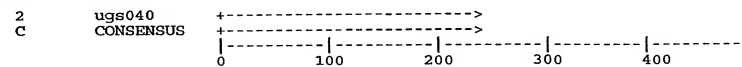
Contig: ugs035



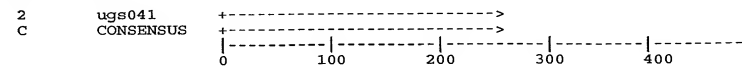
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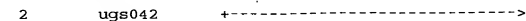
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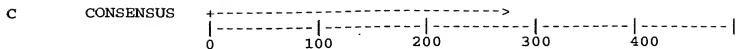


Contig: ugs041

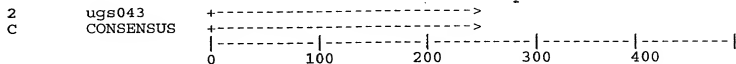


Contig: ugs042

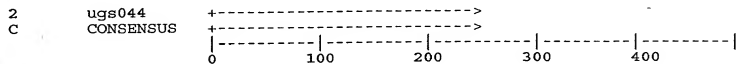




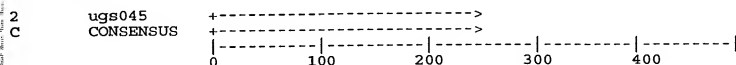
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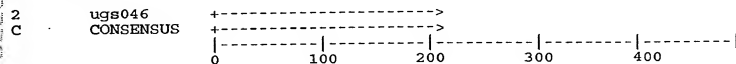
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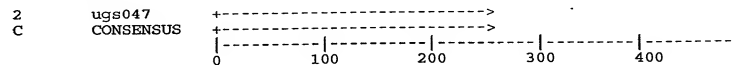
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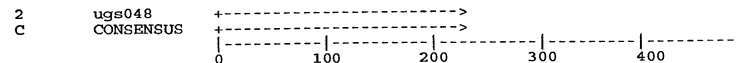
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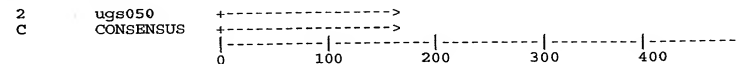
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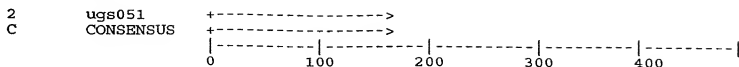
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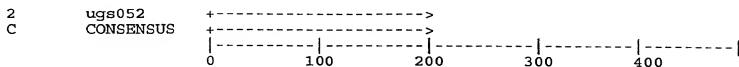
Contig: ugs050



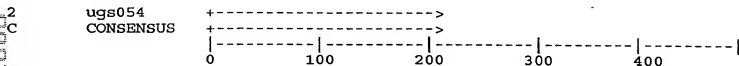
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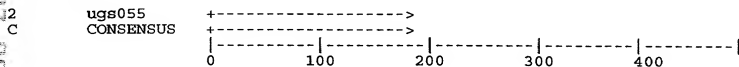
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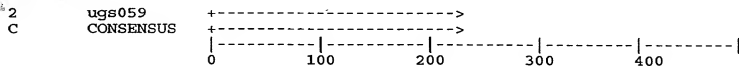
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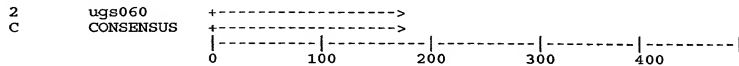
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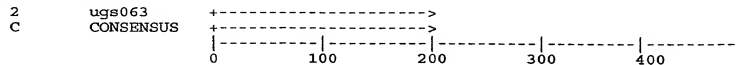
Contig: ugs059



Contig: ugs060

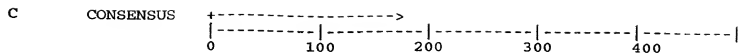


Contig: ugs063



Contig: ugs064

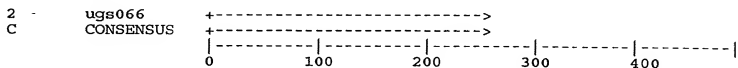




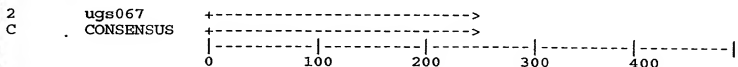
Contig: ugs065



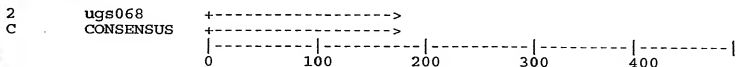
Contig: ugs066



Contig: ugs067



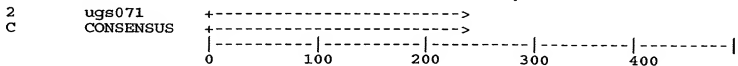
Contig: ugs068



Contig: ugs070



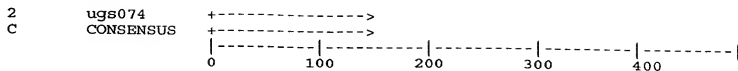
Contig: ugs071



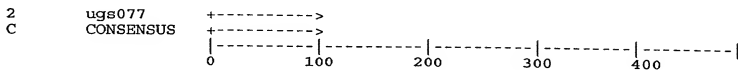
Contig: ugs072



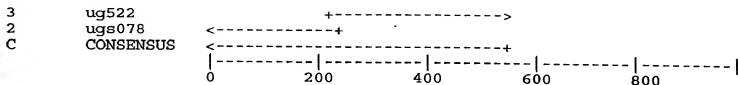
Contig: ugs074



Contig: ugs077



Contig: ugs078



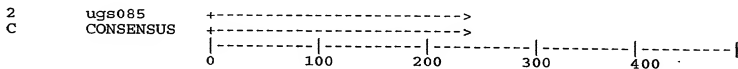
Contig: ugs080



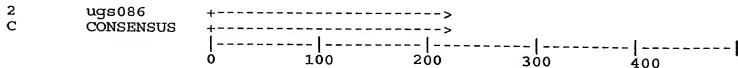
Contig: ugs084



Contig: ugs085



Contig: ugs086



Contig: ugs087

ugs068.seq Length: 178 July 9, 1997 19:17 Type: N Check: 4952 ..

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51 ttgtccacgc caatgcagag gtccataaag gactccctct attctctate
101 cctgtggacg taaagacact ggcattctctg ttaccttctc ttccttttgc
151 aagggtttac ttggatcttc agagaaaag

ugs070.seq Length: 218 July 9, 1997 19:17 Type: N Check: 43 ..

1 cactttttat tttgttttt ttacagttag atttttttga cttcagctac
51 accattcttc tactgtttcc cttgaaatcc catcctgctt ttctgtaca
101 ctacccctca caaacccaa gccgcagcaa catggatgcc cagtctggag
151 cagcaacacg caggatgacc tggagccagg ggggccttcg gaacagatgt
201 ataccttctg gtgagttt

ugs071.seq Length: 238 July 9, 1997 19:17 Type: N Check: 8521 ..

1 cattcttcat gtctetaaac ctttttttta aacaccttg gggagggtgt
51 attctggcat tttaaataaa aataagatgc ttgatgccag aatgaataa
101 tagaataaat gcctcctgtc cctgacctat gattcagagt accttttccc
151 tggcaaagta ccctggtaac attttaaac acacctaa tgtaacatg
201 tcaatatgcc atcaaaaacc cacaattaa tctgattt

ugs072.seq Length: 214 July 9, 1997 19:17 Type: N Check: 244 ..

1 tctcttcat attgtcttc cttctgagag tacttctcag cctgagcctc
51 cagtgttca agttgttct caccgttttc aattcttctt caagctcggc
101 acatttgct tctgagagct cagcccgctc ctctgcacgt tccaggctgc
151 tctgatgat gaccagetta gggccacctc ttcatactc cggtcagcat
201 cttcagcaat gtgc

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ugs074.seq Length: 154 July 9, 1997 19:17 Type: N Check: 7251 ..

1 attttaggga aaatgggatt gactctctga actcaacaaa actggaattt
51 tttttttccc cagaagcgag aaatgaaaag agaagggcct aaggaaagca
101 gaagggcgcc tgaagtgaca atacctttaaaaactctta tctctgtgtg
151 gggg

ugs077.seq Length: 106 July 9, 1997 19:17 Type: N Check: 3276 ..

1 cgggagggcg ggcgggcacg ggcccggctg ctcccgccgc agctgctggc
51 cgcacgctg ttctgacag ctgggccttg gcgctctcgt ctcagccgctg
101 tcccg

ugs078.seq Length: 240 July 9, 1997 19:17 Type: N Check: 6310 ..

1 cactcttctg acttagaggt tcagcttgat gctaacatga aaccaatgcc
51 ctttaatagt gaagcgacac caactgaaga tggagctcaa ttacggttta
101 agcaagtagg agtcagcctt acagatgatt tgatgaatca gttgctgaag
151 ggaaaagcca agaggtattt ccaggggcaa attgagtttag agactggcca
201 gcccccctg gagttaagaa gaagacaaact gtacctgtg

ugs080.seq Length: 244 July 9, 1997 19:17 Type: N Check: 2016 ..

1 tttagaagtg aaaagacttt tttccacat ttggagccct tacagaggaa
51 catggatgga gagctacagg tggttcactg tgacttcttt aaaatggate
101 ctagatatca ggaagtagta agaccagatg tgagttcaca ggcaatattt
151 cagaacctgg gaataaaaga gttccttttc agcaggtgtt cctataaagt
201 attggaatcc taccatataa actgaagacg atactttgaa attc

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ugs084.seq Length: 257 July 9, 1997 19:17 Type: N Check: 6754 ..

1 ccaggaactg tccagtgaag agataaagtc ccgtgtttga aactttaaga
51 acttttaaaa taaagactgg aaatgggaaa actgatagaa tttaaaatca
101 acagaatgta ttcccttgac aattctcccc atagctttat tcttagcact
151 caaggtctag gcaggaggtc tgtcgtaacg ttcaaggcag cctgtactat
201 acacggaatt cagattacca caatgagcct ctatctcaaa cacataagct
251 ttccttc

ugs085.seq Length: 243 July 9, 1997 19:17 Type: N Check: 2131 ..

1 tttttataag actggttctc actgtagctc tggctggcct gaaactcact
51 atgtaaaacc agatgcagag gacaacaggc tggctcttgaa ctaagggacc
101 atcctgcctc tgectoccaa aggctggatt acaggtgggt gccaccacac
151 ctgggtttaa tcgagactaa aaaactgttc tgtcttttag gtaatccaat
201 tattcagaat agacctcaag tctctaaaga ggattttgat ctt

ugs086.seq Length: 219 July 9, 1997 19:17 Type: N Check: 5470 ..

1 gatggggaga gtcacatgag tccccttctc cacctttgcc tcagtaatct
51 ttccatact ctctgacgag gcattgagggc agaccttagc ctttaaagcg
101 ccacggttca tttatgtgtt gaaaagaaag tacttgcgta ctgtgtcttt
151 ggctcctcag cctgttccca caccagctga cagtgggtac gtgagccagg
201 ctgctggaga ggcatatgg

ugs087.seq Length: 224 July 9, 1997 19:17 Type: N Check: 8971 ..

1 ttggattaga atatacactc tgaaccctg cagcgtggct cggtgctctc
51 tgccgcactc gaaaccctga agaaatctc tgggggaaa cagatgggtg
101 aagaagaaaa aagtgtgtgt gtgtgtgtgt gtgtgtgttc tctgagtttt
151 ggttgaggga ggtacttcac agcacttgat ctaccctggc cactgagaag
201 cggggatttt actcaaaggt cgtc

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102280.4675660

ugs088.seq Length: 194 July 9, 1997 19:17 Type: N Check: 3379 ..

1 ggaagccagc aggaacagta ggacagtcgt caggctgtga ggtgggtaag
51 aaatacagaa atgctaagta aggatatact cctccotagca ggttgccetaa
101 ggaggtaaat ggtggtggtc tgatctggtg ggttctagtg aactaggcca
151 agagctacat gagatctgag gggaagttgt aataccagca gggg

ugs090.seq Length: 195 July 9, 1997 19:17 Type: N Check: 1446 ..

1 gaaggattct gggaaagtgc caggccocat gaagttaatt ccctggctgg
51 gatagtcgct gggggttggg gccgaagggg ctccaatggg gcaaaagggg
101 cagccagggc ccagggtgc aatcatctcc atcacaactgg gcatgagcac
151 atgggcaggg ctcacagtgc ggcacgcttc agcactggcc catcc

ugs091.seq Length: 257 July 9, 1997 19:17 Type: N Check: 8940 ..

1 ggcogttggt tgtgtttgga tatacgaactg ctatagctac tgaggaatat
51 ccagagactt ggggatctaa ctgattaatt ttgggttttt tagtattggg
101 ggtgattata gagggttttt taatttgtgt gcttaattat tatgatgaag
151 tggagtaatt aatcttgatg gtttgggaga ttggttgatg tatgaggttg
201 atgatgttgg agttatgttg gaaggaggga ttggggtagc gcaatatata
251 gttgtgc

ugs092.seq Length: 95 July 9, 1997 19:17 Type: N Check: 4653 ..

1 aagcaagttt aaaaaactgc ttattgattt gaagtaccaa atttataaag
51 attataacag tttgcactca ctcaaagtta aataatttac attgg

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ugs093.seq Length: 194 July 9, 1997 19:17 Type: N Check: 1277 ..

1 gtgggagact ttatttatcc agtgtggtga tagcatggcc ctccatgett
51 ttacttggtt aatgctattt ctcaaatga tgcagattag gaaaattgaa
101 gtattcagga aacaggggtg gttgctaagg ctccgtacct gctctotata
151 aaattatagt ggctttgacc tgacatagga aagtccaagt ctag

ugs094.seq Length: 176 July 9, 1997 19:17 Type: N Check: 2014 ..

1 tttagtttgt gtcggaagcc tgtaattacn gctccagctc atagtggaa
51 ggctatactt agatttatgg atagttgggt agtaggtgta aatgtatgtg
101 gtaaaaggcc taggagattt gttgatccaa taaatatgat tagggaaaca
151 attattaggg tcatgttcgt cttttt

ugs095.seq Length: 202 July 9, 1997 19:17 Type: N Check: 52 ..

1 ttggtcacag cttctcagc agcagcctgc tctccttct caatctctc
51 tgggtctctg tagaagtaaa gatcaggeat gacctccag ggggtctcac
101 gggagatagt acctcgcatg cggagtactt ccttgccag catccaccac
151 atcagaccca ctgagtgcgc tcttgttgt tgcgaattcc accacatggc
201 gg

ugs099.seq Length: 243 July 9, 1997 19:17 Type: N Check: 1968 ..

1 gttactactc tccaggttat gcacagtcca gccaggggac tctcaacctca
51 agcaaccagg caggaatgga gggccagccc ctaaagacaa aaaaggatga
101 ggagcctgag agcgtagaag ggaagtataa gaatgacgtc tgtgaggaaa
151 agaagccgga gctgagcaat tccagtcagc agcctccgtc atcagcagcg
201 gccaacatgt acatgcagtc ctgtactaca ccagtagtct acg

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ugs100.seq Length: 266 July 9, 1997 19:17 Type: N Check: 4236 ..

1 aaaacataat aaatgatctt agtgataagc taaaaagtac aatgcagcag
51 caagagcggg ataaagattt gatagagtgc ctctctgagg accgagctcg
101 ttgtcttgaa gagaagaagc agcttgaaga ggaagtgcgt aaactcgcga
151 ctgacgattt tctttctcca gcacctgtgg ctgcagccca gagctctatg
201 gtgcgtgtgc atgagctcca gggcagcaga gagatcatca tggagaacga
251 gatgaaggag actgat

ugs101.seq Length: 234 July 9, 1997 19:17 Type: N Check: 7846 ..

1 cccaggacca gatgggttta gtgcagagtt ctatcagacc ttcaagaaga
51 atctaattccc ggttcttcac aaactattcc acaaaataga agtagaaggt
101 actgtaccca actcattctc gaagccacaa ttactctgat acctaaacca
151 caaaaagacg caacaaagag aacttcagac caatttctct atgaatatcg
201 atgcaaatgc tcaataagtt ctactaacga tcag

ugs102.seq Length: 204 July 9, 1997 19:17 Type: N Check: 2431 ..

1 gatttttttt tttttttttt tttttttaat tttttttttt ttctctcttt
51 cctctttttt tctctctctc cctcctaata cacacttttt ttagtaaggg
101 gaataccatg atgtcgtctc agcccgccgc ctgtagattc gaccocgggg
151 cctgctgtta aaaccactgt agaatcgaga cggagctggt gtagtgggta
201 gtcc

ugs103.seq Length: 205 July 9, 1997 19:17 Type: N Check: 1389 ..

1 gaaatgattg cagtcacact cgtacgtaa tctcgtggtt ttaccgaagt
51 tatcacttca caaaagctag agtatgggtt ttaagtaagc agggacattc
101 atgctttcat ctttgcaaaa tcttgtaaaa ctaggatga agtctaaggg
151 gtatagacga gtcttcataa accgcagaga tagcgtaacc coatatgaca
201 caagg

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0933797.082004
ugs104.seq Length: 227 July 9, 1997 19:17 Type: N Check: 4418 ..

1 gaattcgtaa aattacacat gcaaaccctcc atagaccgggt gtaaaatccc
51 ttaaacattt acttaaaatt taaggagagg,gtatcaagca cattaaaata
101 gcttaagaca ccttgccctag ccacaccccc acggactcag cagtataaa
151 tattaagcaa taaacgaaag ttgactaag ttatacctct tagggttggg
201 aaatttcgtg ccagccaccc cgtcata

ugs105.seq Length: 218 July 9, 1997 19:17 Type: N Check: 4098 ..

1 ggttttcccta catcttaca tggactaaga aaacatcac atatgtgtcc
51 tcatttcctt tcatttaca cctaattagg gagacaccaa tgcccatgga
101 aaggctgttt ccaattttta aagatacaac acacaaggac agggctagaa
151 aaggacgaag tacaatgtct agctatactg tgacaatgtt tcataataca
201 gtgtgtccct tacgtagg

ugs106.seq Length: 176 July 9, 1997 19:17 Type: N Check: 2393 ..

1 ggtttttcga gacagggttt ctcttatagt cctggctgtc ctgctgaaac
51 tcactttata gaccaggggtg gcctogaact aaaatccgcc tgccctgtgc
101 acccgagtgc tgcgattaaa gtctgtcgcc accacgacct ggtctcttgt
151 ctttctctta atcagcttcc ctataa

ugs107.seq Length: 182 July 9, 1997 19:17 Type: N Check: 1431 ..

1 gtgaatngga ggggtggagg agcaggagat gccctccccc agctctgggt
51 atggacacct cacttcttgc ataatctctg gcatctcttg cctgcaatgc
101 tggctccag cgtctcggag ggggtcacac nctcatcgtc atgctcggag
151 aataattgtc gttctggaag gagtggagga ag

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ugs108.seq Length: 213 July 9, 1997 19:17 Type: N Check: 1055 ..

1 agagtgtagac agtctcattt gtgcagatga ggaagctgag gctcttcaga
51 gtcttatagg ctggttctcc cagaggaagc ccacacagag agtgtagggg
101 tttagctctc aggtggtcaa cacctgcagc ggacaaaac tacccagcag
151 gactttctct tctgagaggg gagagagcag tocagccact gtctttgcc
201 ctctgagaca ggg

ugs110.seq Length: 154 July 9, 1997 19:17 Type: N Check: 3178 ..

1 gcaataagca acggtttatt tataaaacca aagaagagag aaaaaaac
51 aaacttaatt attttacgac atcttataga ttaagtanaa ataccagtat
101 caatatatat gtatatcat agtgcatafa tatatgtcag atgatatggt
151 aaca

ugs111.seq Length: 213 July 9, 1997 19:17 Type: N Check: 1757 ..

1 ataaaatggt atttaaaaa ataacgtgtg aagaattatg catgaaacac
51 tagggcattt ttctgaagga gaaaagaaag cagtcattct cacaccagca
101 gaggttcaac acaaggttct ggctggaat tccaccggct cctatttctc
151 cctgttttct ttgcaccaga tggcactggt tagttctctt ttgcagcctt
201 gttctggaac ttt

ugs112.seq Length: 212 July 9, 1997 19:17 Type: N Check: 2 ..

1 gttggcagca ctacgtgca agattctttt aatatgcttc tcaaggagc
51 tcggagtttc agccagaact gcgcagtga gctctgcaac ttcagcatct
101 tcttgggtac agagcagggg aggagatgct ggggtggactg cacttaataa
151 aggcogtatg agacattcat aggtactggt gatgcagatc attgtgggccc
201 caggatgtct gg

ugs113.seq Length: 199 July 9, 1997 19:17 Type: N Check: 8011 ..

1 ctgtcttttaa tcaatcagga aagtatcaca caatcactgt gtcttttcaa
51 tacactgtgt gctccagaaa gactctcttg gcattcaactt cttttctctc
101 tgttgccagt tatagctctc tccagccagg tctcacctcc agccaggtct
151 ctcccccgcc cccccgcacg ggtctagggt gtgtgtctcc ggggcgggg

ugs114.seq Length: 209 July 9, 1997 19:17 Type: N Check: 6965 ..

1 aaatatttca aaatactgat aaataatagt gactgcaagc agaattccag
51 taccagagcc aatggcccca aggaagtctg ctagtactga cagggaccga
101 tgcacagacc cccaaaggca gctcgtgtgg ggatgtacct gttcagctca
151 tggaccatgg aggtatctct gtgacctctc atcaccatct cgtgttcttt
201 aagttcgtt

ugs115.seq Length: 206 July 9, 1997 19:17 Type: N Check: 5572 ..

1 gtttcgacnc gctgggngtt tgtgctttca tcacatttgt taacaggtca
51 aaatgcagan cttcgtgaag accctgaccg gcaagaccat caccctagag
101 gtggtgccca gtgacaccat cgagaacgtg aaggccaaga tccaggataa
151 agagggcacc ccctgacca gcagaggctg atcttttnog gcaagcagct
201 ggaaga

ugs116.seq Length: 158 July 9, 1997 19:17 Type: N Check: 9904 ..

1 ctcgagcggc cgctcnnccg ggagtcagaa gattgaggtc aatcttcata
51 atgagtggtat acctgtcacc aggctcactg agtggggaaa ggagctcctt
101 ctcttcata ggagagaaca ttctgttccg aaaaagctat cttcttctca
151 ctgagagg

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ugs117.seq Length: 228 July 9, 1997 19:17 Type: N Check: 3335 ..

1 gctaacnccc gagctgctcg gatgagccct ccagcaactct ccaacattga
51 tcttagcaga gattacaatg ggctccatgg ctgctctgcc ctcaggsgctg
101 atctgggcag ggacgctggc gaactcaggg aaggaggcaa aggcactcag
151 gttatccaca gcttcacaga gagggtgtg gctgctggc actgggcacg
201 gttctcttct gtgaagtccc atctagt

ugs118.seq Length: 229 July 9, 1997 19:17 Type: N Check: 3291 ..

1 gcggaannng aggggccaac taagaacacc aagaattctc acagaatgac
51 tgaacttaag agacctactt gtatgtcaat ctatagctca gattaccacg
101 cacaccatgg aatctccagc tagcttctag gctgagtttt acaaagcagg
151 agagagggtt tatacagtag ttgctaagtg ttgcaaaggg cttttccccc
201 aaagggttct gtgcctgaga gtgcgtatg

ugs119.seq Length: 251 July 9, 1997 19:17 Type: N Check: 6233 ..

1 atcaaagacc cctaaatcaa gagaccatac catagattag aagactcaac
51 ccaattaaaa tgtcaattct tcttcaatc aatatataaa tgtaatgcag
101 cttctataa atatctcagc aaagattttg gtggacatag agagcttatt
151 ctaaaatagg gtggaagatg ngaggcagag gcagggtgat ttctgagttc
201 aaggccagct ggtctactgt gtgagttcag gacagcagc tacacagaga
251 a

ugs120.seq Length: 223 July 9, 1997 19:17 Type: N Check: 992 ..

1 gaaagagtgc ggttcggtgg aggaagctag gaagaaggag ccatacggat
51 gtggtgtgta agctgggaaa gggttccagg atggtggagc gagangttg
101 tgatgaagct agctggcgcc ttggcttgtc aactgcncgg aggaggcgag
151 caggcattgt ggagaggata gatagcggct cctagaccag catgcoagtg
201 tgcaagaaag gctgcaggga gag

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ugs121.seq Length: 190 July 9, 1997 19:17 Type: N Check: 5310 ..

1 ctgaatcac atatttgtaa tcatgaagaa acccaggaga gaatgccaaa
51 ataaattgtt tttctttgct gggatctaaa acatcaaggt tcgagagagg
101 agggagtggy gaaaggagga gtgggggaag ggaagagagg agagagagga
151 ggagattaat ggctctgctt tctaacacc taggataata

ugs122.seq Length: 230 July 9, 1997 19:17 Type: N Check: 5917 ..

1 ggacgaacgat gcgtagcggc ccggctcggg ctgcggtgcc ggagcccgag
51 gacattagcc ctaaagacgg agagcacaca agagcaagct ctgacggcg
101 tnnngcccg gtcgggaaat agcccagcag tttctctggt taggaacca
151 accctgggt tagcagccac ctccacagat togaacgagt ggttcagac
201 tataaaccaa ttccacaggt aagataagta

ugs123.seq Length: 259 July 9, 1997 19:17 Type: N Check: 5359 ..

1 ggccagctg ttttccagga gcaactgctca gggttggcca cctctgttt
51 tccttccta ttctaggacg tagagtcaga ctctgccaaag cagtctctgc
101 tggcagagtc agactctgcc aagcagttct tgctggcagc agaggctatt
151 gatgacatac cttttggaat cactccaac agtggtgtgt tctccaagta
201 ccagctggac aagatgggtg ctcttaagaa ggtgagtgcc cttnctgtgc
251 caggagaggc

ugs125.seq Length: 246 July 9, 1997 19:17 Type: N Check: 261 ..

1 cacaaaacgg tttttgcctt tcttgttga aatttcttac ctcttcctac
51 actgctactt tggcatgtac atatccagat caccagcctt ctatttcaat
101 gtgagccatt attaatgaaa ttaaagggtta tttgaatgca agcatgaata
151 gcactgtagt ccatctgaca accaaaccag cagatcaacg tctgagtgat
201 ccatgggtgg acccctacag cgtgaagcag ggatagctta tacaag

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ugs126.seq Length: 233 July 9, 1997 19:17 Type: N Check: 9574 ..

1 accgtacttc ctctgatgg ctctcagatg gacccttggt tgtgtttcac
51 catttcttta catttactta ttgtgcgtg tgtatacagc cagggtgctc
101 acatggggggg caaaggacag ctgccgaag ttggttctct cctctacca
151 cgtgggtcca gggattgaac tcaggtcaat caggcttgct gagaaggata
201 ctccatagcc aggctagact caacttogat ctt

ugs127.seq Length: 235 July 9, 1997 19:17 Type: N Check: 8424 ..

1 ccgtaaacctt agtaacctac gtgactttgg aaagtctgca ccagataaac
51 atggtgcagc ttctaagtag caaaaggggt gttgtgcaa ggttagcagg
101 acacagtaac agcagoccca ccaacagacc caaagacctg gtgagacagc
151 tcagtgggca aagggacttg ccaccaatct aataaccgag ttcttcagac
201 tcagtagtgg aaggagagac ctgacgcctc attgt

ugs128.seq Length: 235 July 9, 1997 19:17 Type: N Check: 1754 ..

1 aatttttatg ttgagcatcc agaagtagca agactgactc cgtatgaggt
51 tgatgagcta cggcgtaaga aagagattac agtgagaggg ggagatgttt
101 gtccaaaacc tgtctttgcc ttccatcatg ctaactttcc acagtatgtg
151 atggatgtgc tgatggatca gcactttaca gaaccactcc ttcagtcgag
201 gattcttgct cttagtggca ggatattgtg cattg

ugs129.seq Length: 199 July 9, 1997 19:17 Type: N Check: 3 ..

1 ctagaatcct gggattatgt caataacaag aattagcaca ttacttca
51 tagacattaa tttoatcttt catgtaactt atgaatacag agaacaact
101 catctatttt caatggtcac atgccatacc aattgtgtaa atgttctgaa
151 aaatattatt tacagtgtta atatttoca atggaggcaa ggtattgtg

ugs131.seq Length: 184 July 9, 1997 19:17 Type: N Check: 2162 ..

1 gccgtgtcct gtaaaacaag aaccacaaaa agataaagac aacgtgaagg
51 aaagtttctt gccagcccca ggtcccccac agtgacactc gtaactggca
101 gaagtttaaa cttgaatggt gaattaaaat gaactactta gttaggttgaa
151 atttagagac cttagatttg taatcttaat cttc

ugs133.seq Length: 217 July 9, 1997 19:17 Type: N Check: 5381 ..

1 cgagtcaggg ttctctgtg tagccttgge tgccttgaa ctactctata
51 gaccaggcct cgaactcaga aatccacctg cctcttcttc ccaataactg
101 ggattaaagg cgtgtgcata actaccagc ttaatatttt taataagaga
151 acatcattgt ccaactgcaat gagcttgata atttcttggt gcacagatga
201 ctccagatctg aggagtt

ugs134.seq Length: 212 July 9, 1997 19:17 Type: N Check: 9246 ..

1 tctgtagctg ccaactagtg cctgtataga ctccacctgt ctggataccc
51 catcaggcca caccaaggca gctgtgaacg gggatcaacc acgctagcca
101 gaaagcaaac gcaagggcgt ggacaatgac aacctgact gcctctgtgt
151 caaagtcctg aagtagctga agtgattatc acagttagca tggactgagg
201 aggaggctca ag

ugs135.seq Length: 235 July 9, 1997 19:17 Type: N Check: 1259 ..

1 gccataatcc tatgaggtaa gtgtggtggt cagatgaaa ctcagggtg
51 cagtcttaat cttttacctt gtttgggaca aggtttcttg tccattgtg
101 ggcattccaa gctagctggc ccaagagctt ccaggaatct cctgcctgcc
151 tccctcctta ctgtaggacc tccggattac aacatatcta ctgtctctgg
201 cttacaggga tcaggctcag gcggcatgtt atgca

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ugs136.seq Length: 145 July 9, 1997 19:17 Type: N Check: 6709 ..

1 ccgcttctctg gcgctggcct cagctttcttc ccgggaccgg cttcggcttc
51 ctctttctgc ttctgcagtc nctctgctc ctctgctca gcctgcgct
101 tctctcgagc ctctgctcc tccgtctcc ncncctctg gcttc

ugs137.seq Length: 216 July 9, 1997 19:17 Type: N Check: 9271 ..

1 gtctcctca tgacaggac gtcattttcc taatggcatg gtttcagaat
51 gcaccaacaa ggaatactta aaactgatga cctcataaca aggtttttta
101 gtctttgcac tgaatgtgt gttgaaatca gttaccgtgc tcaggcggca
151 aggcagcaca atctgcggc taacctacc atgatccggg caagtgtca
201 ccacaacctg gatgcc

ugs138.seq Length: 209 July 9, 1997 19:17 Type: N Check: 4821 ..

1 ccgaggccta gacctcaac tctggtgttc atttaacacc atgttgattt
51 ttgtttctgg caagatctta ctagttaacc taactggcct ggaactccct
101 atgtagccca ggctagcctg aaattgctat gtagecctagg ttagactcaa
151 aaatcatggt ctccctcagc ctctcattg ctgggcttct aggtgttagg
201 ccagctgag

ugs139.seq Length: 177 July 9, 1997 19:17 Type: N Check: 754 ..

1 caacacacag cctccctgat cttgtgcagt ctttgcacc gtcttctcta
51 gtgcccaca ctccacgagt ctgacaagca gctgtcttg gtttagtagg
101 cttcttctga tgcaggctgt gcagatgagc cgctctcgca gcagtgtcat
151 ccagagggt ctcacctga gcccca

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ugs140.seq Length: 247 July 9, 1997 19:17 Type: N Check: 2303 ..

1 gtggaacctt cctggattta cggtgacttt gtccatatgt tcaaacagat
51 agttgtagtc taactcgaca ttctcgaggc cccggacagc atctcagtc
101 acattatattt cctcgctctg tgagatgatg ttttgcttcc ctacctcagc
151 ccaggagttc tatttcogaa gaaagaatcc ggtggctctg atgatgaaga
201 gacgatgacg atgacgatga atcatcagaa gactctgagg atagagg

ugs142.seq Length: 161 July 9, 1997 19:17 Type: N Check: 9462 ..

1 agccgagcaa gatgccada ggaagaaggc caaggggaag aaggtggccc
51 cgccccgcc gtctcaaga agcaggaggc caagaagggtg gtcaaccctc
101 tgttcagaaa gagggccaag aacttcggca ttggacagga catccagccc
151 aaaagagatt t

ugs143.seq Length: 113 July 9, 1997 19:17 Type: N Check: 8626 ..

1 aagtctcaat tctgtttatt tagtggacgg tacactgate atctcagaaa
51 tctttcttca tcagatgttt gagctccgtg caaagccttt nctctttgag
101 cttgaacngg act

ugs144.seq Length: 169 July 9, 1997 19:17 Type: N Check: 3382 ..

1 gogaatctaa atacaagtga ggagagggga aagaaaaaaa tgaacaaaaa
51 tgaaatctgt tcattttcct actgtctcgc ctcttttaca ctgttaggga
101 taggatggaa cctccaggag ggactcttgg ctcaagttcg tcctctctgg
151 aaacacttca gtgtgaacc

0933797.00201

ugs145.seq Length: 222 July 9, 1997 19:17 Type: N Check: 1348 ..

1 gggggtgatg ttgtacaagt ggatcttttg tagtctaagg aaaatgcatt
51 tcagatagtc acacaggaag ctattttctt acccgggatg tctgtattgt
101 taataagaat gtaatttcac gatacaagta ttttaatatct tttttaagtg
151 agtaaaaata ttctagctat tggcaaatag attacagtag acaattagag
201 gatatgatga gggtgactct tc

ugs146.seq Length: 164 July 9, 1997 19:17 Type: N Check: 5731 ..

1 gggtttcagt gtgatttgtc tttgctgttc tggagcctta ttagtgggtt
51 cttgaggctc atccctctgc taagggtgctg ctcttgatgc tctctgagct
101 ctctctctaa gccgactaat ccgaccttca tactgggact taagagcagt
151 cattcgacat caag

ugs147.seq Length: 233 July 9, 1997 19:17 Type: N Check: 4567 ..

1 ccgccatatt gtctgtgtga agctagggga gcgcggctat tnnatgccgt
51 tccacgcag tgtgaagaaa aagggtctga aacaaagtct taccaacgct
101 tcgttttgaa cacagtgact cgtggatctt taaacatcaa gtctgctttg
151 tctgtcaacc tgtctgacat gtccgaccog tgaacgaggc cagagttaca
201 cagatgttaa cacacacaga ccgagatac tgg

ugs148.seq Length: 203 July 9, 1997 19:17 Type: N Check: 7164 ..

1 ttttttttc actgagaata tgattttatc catcagacat gctgcaatta
51 tagacatttc cacagagtat agcagtgcta aaaagtgtgc atttgaacag
101 ctgacatgaa taaacaacaa gtgggttaggt gaataacctg caaacgcgag
151 ttctggattc acttttttga gctgagatga cagattcagc aggaactctg
201 tac

ugs149.seq Length: 198 July 9, 1997 19:17 Type: N Check: 8043 ..

1 gccttgata agcttggggt atttctgggt tgaactattc ccatgtccta
51 gtttccata gtcaccatct cccagctga agacttcacc ttctgtagta
101 aaagctaaat gtgtgacct cagagccttt agatgatgaa accttcttaa
151 tagaccggtg aggtctaaaa gttaactttt taaggtagac tgattatt

ugs150.seq Length: 202 July 9, 1997 19:17 Type: N Check: 8468 ..

1 ggacattgta gggacttaag gatggagctt ctggctattg tctgcagat
51 ccttcattta aatgcagtaa atacaagctg accttgagtg ctgagcgatt
101 ccttgagcag ctaactaaac tctcactgtg acaattctgc caacgtctct
151 cctgttaacc tggggatttc ttatgcggta aactcatttg tagacgggct
201 tt

ugs151.seq Length: 208 July 9, 1997 19:17 Type: N Check: 8388 ..

1 tagaaatgca ggtcctgagg tgatctggat gacatctcag ggtgaaatga
51 ggaacaagga gcagaggtea ctggaaatgg gcatgatggt gagtgcctgg
101 aatctgagta cacaagatc tgaagcagaa agggagcact tgaggctaaa
151 acaggctcta tgttgagctt ggttggtttg ttgttgttg tttttaatta
201 aattttcc

ugs152.seq Length: 174 July 9, 1997 19:17 Type: N Check: 1300 ...

1 gaaactgggt ttoactaac accagaggcc aactgcacct tgcagaaaat
51 cctctgctt ccagctcct aagtgettgt ttacaggaat atgcattgt
101 gccacgaag caggtgtctc aaaggtacaa ctggcagaca ggaatatctgc
151 tgggcaggga ctctatgaac cgac

09933797-082201

ugs153.seq Length: 192 July 9, 1997 19:17 Type: N Check: 5890 ..

1 gttttggttt caggaactac atgaatgaca gccttcgcac agatgtcttt
51 gtcogggttcc agcctgaaag cattgcttgc gcctgtatct acctgtctgc
101 ccggacactg gagatccctt taccocatgc tcacattggt ttcttttgtt
151 tggagcaact gaagaagaaa ttcaagaaat tgcttaaaat ct

ugs156.seq Length: 208 July 9, 1997 19:17 Type: N Check: 8011 ..

1 gtgggtcagg gtatgagatg gttgaattgt ttttctccc taaagccac
51 ccatcctca tctagagttc ccatagtgtt aaaggaggca cactacttcc
101 actaagtact gaaattaccg aagtttcagt tgtagcattt gtctctccac
151 actttaactc tactaactaa tcgagtgcgc tgtcttccat ttggataaac
201 ttgtaggg

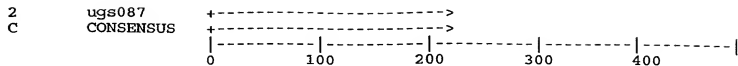
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101 acattagcac caggtttgtg ettacctggg catatatagt atgcatacat
151 tctcacaat aaataaacat caatctgacc cacacttggg agcctgaggt
201 gagagattgt tgta

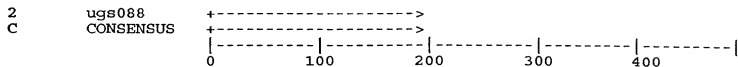
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101 ctgagactca gccctttgga acaagaatt tgggaaactt agggctaagt
151 cgcttttttc ctctcttt

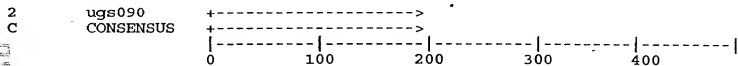
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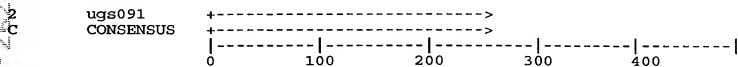
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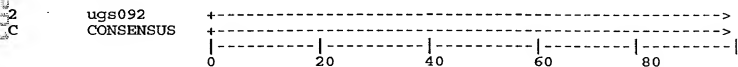
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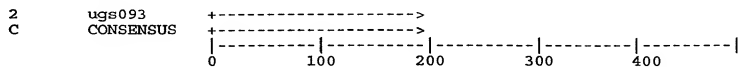
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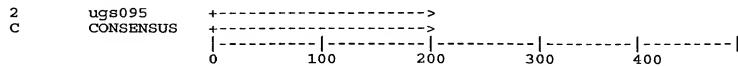
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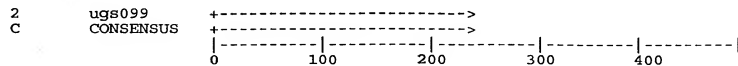
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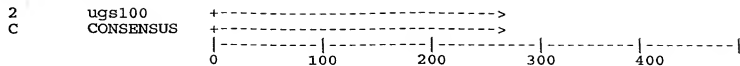
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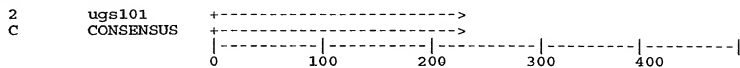
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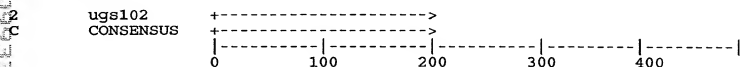
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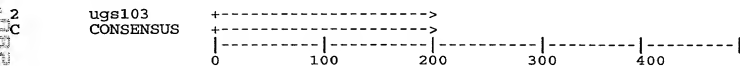
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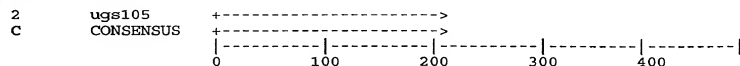
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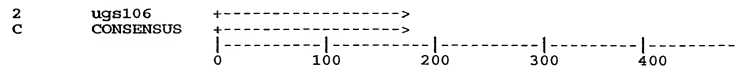
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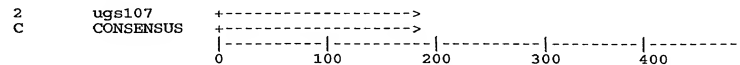
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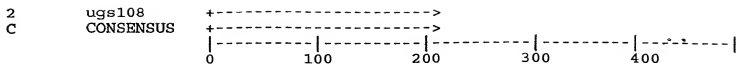
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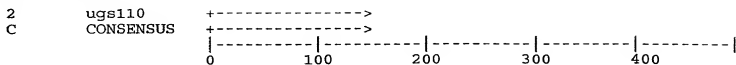
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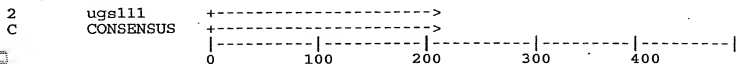
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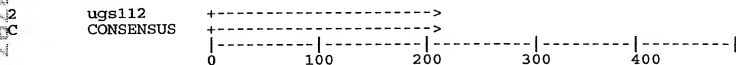
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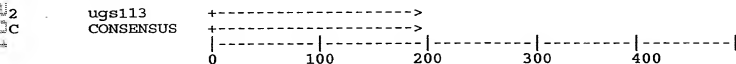
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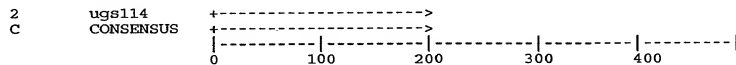
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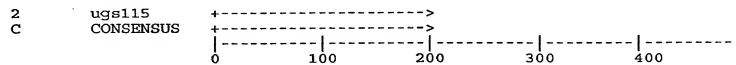
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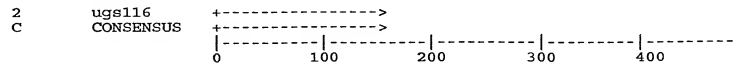
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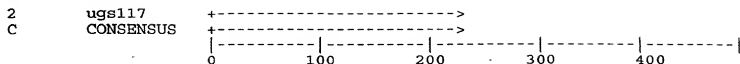
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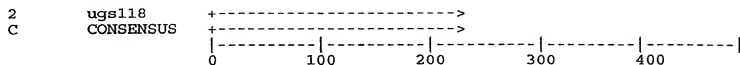
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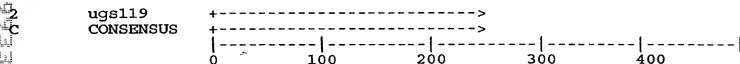
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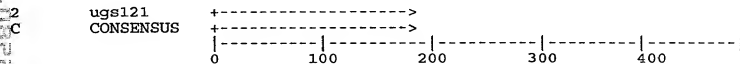
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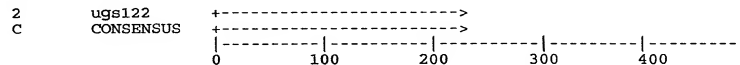
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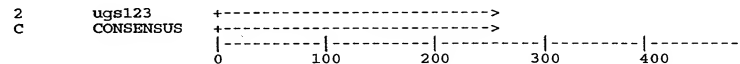
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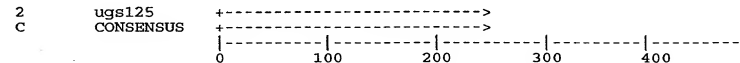
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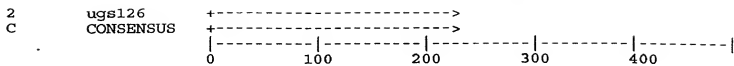
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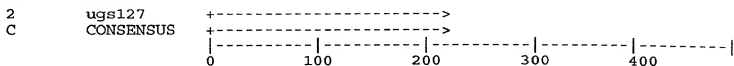
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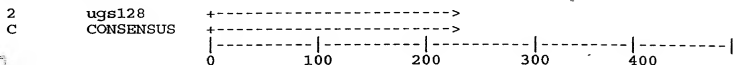
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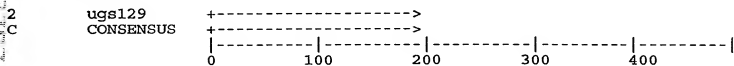
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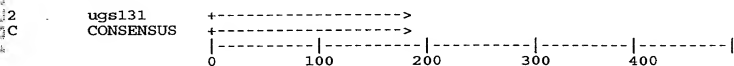
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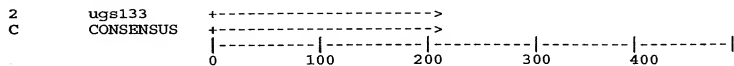
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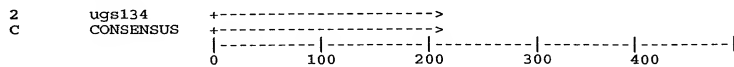
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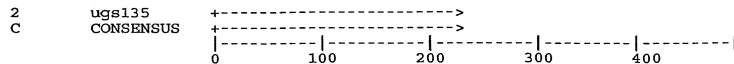
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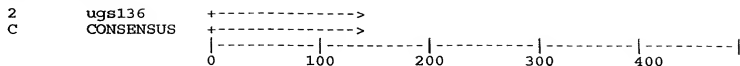
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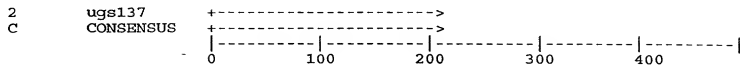
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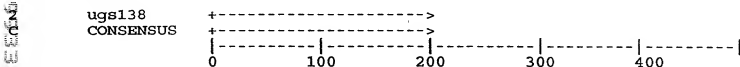
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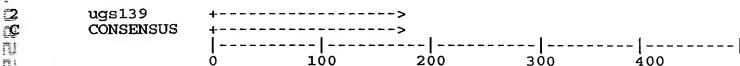
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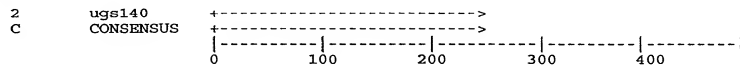
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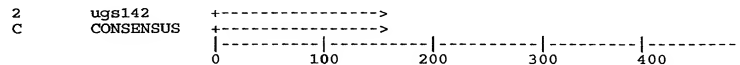
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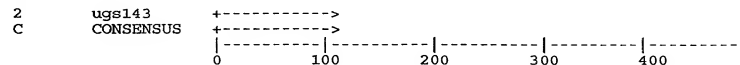
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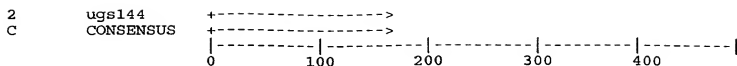
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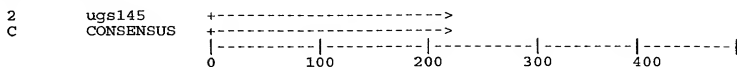
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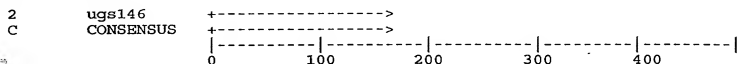
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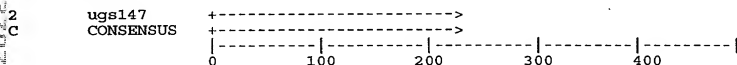
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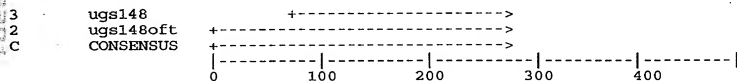
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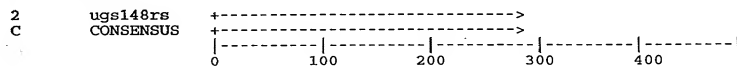
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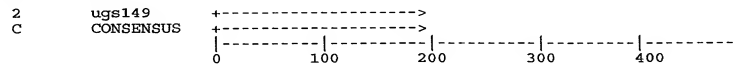
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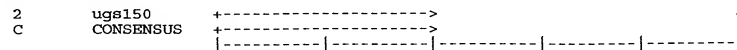
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Contig: ugs149



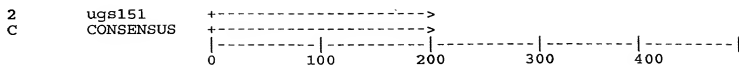
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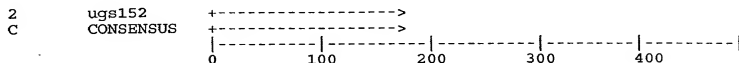
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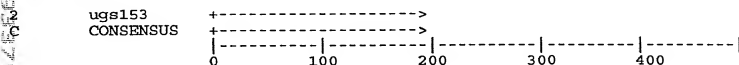
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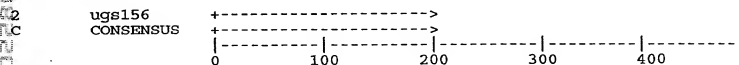
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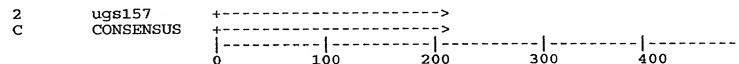
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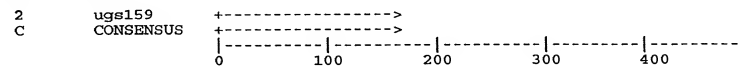
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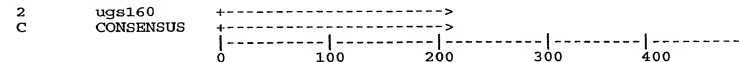
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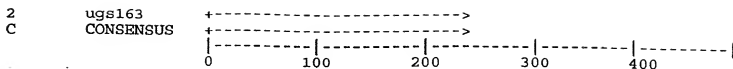
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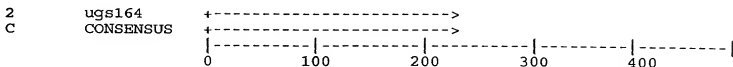
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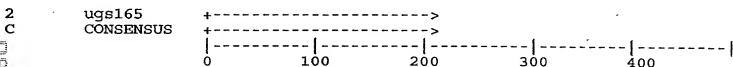
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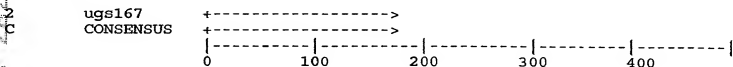
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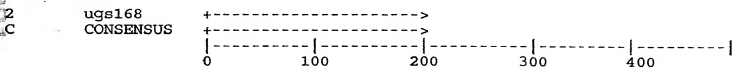
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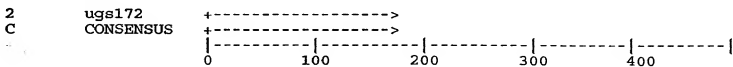
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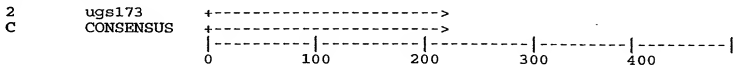
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Contig: ugs172



Contig: ugs173

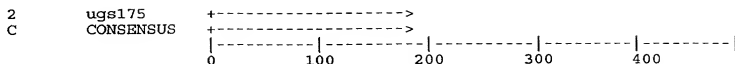


Contig: ugs174

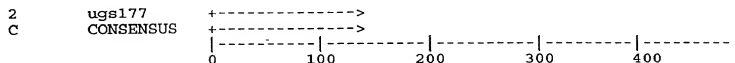


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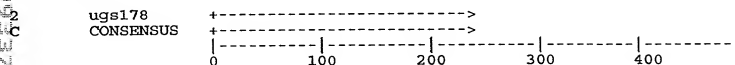
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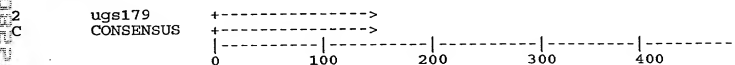
Contig: ugs177



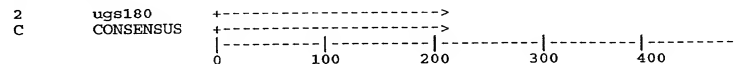
Contig: ugs178



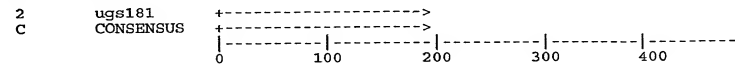
Contig: ugs179



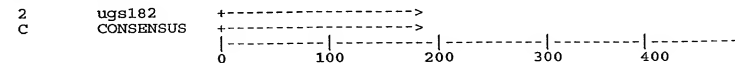
Contig: ugs180



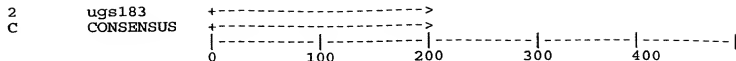
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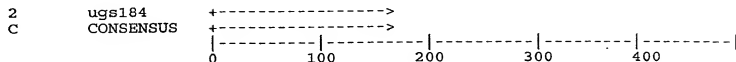
Contig: ugs182



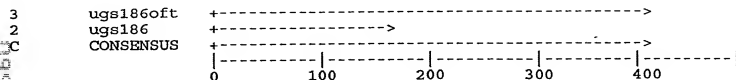
Contig: ugs183



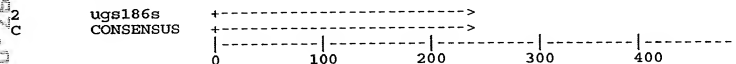
Contig: ugs184



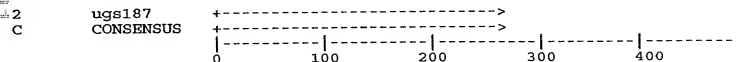
Contig: ugs186



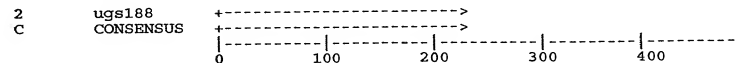
Contig: ugs186s



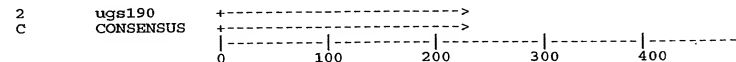
Contig: ugs187



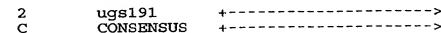
Contig: ugs188



Contig: ugs190

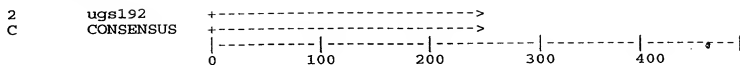


Contig: ugs191

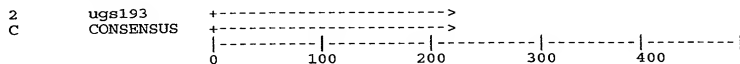




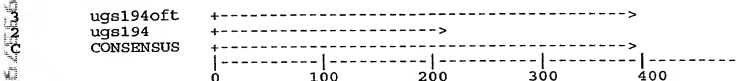
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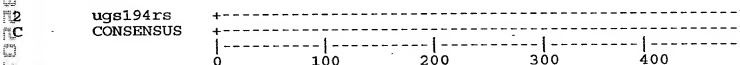
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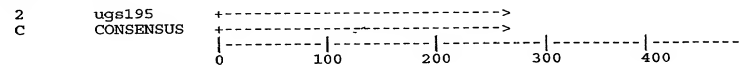
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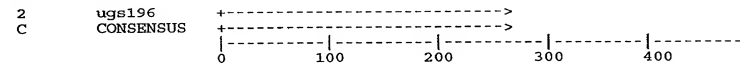
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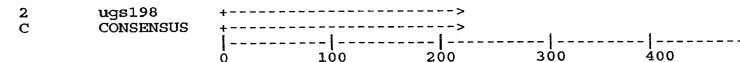
Contig: ugs195



Contig: ugs196



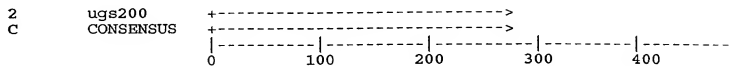
Contig: ugs198



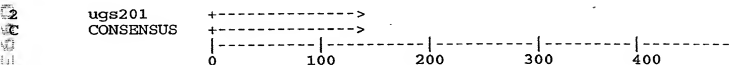
Contig: ugs199



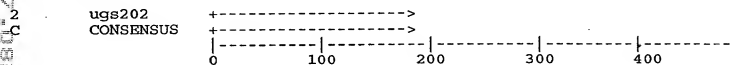
Contig: ugs200



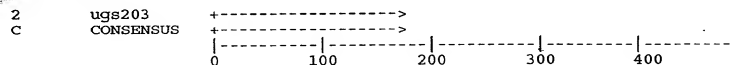
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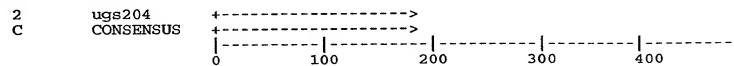
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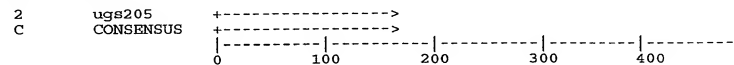
Contig: ugs203



Contig: ugs204

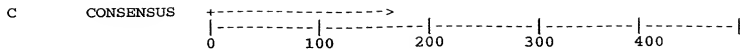


Contig: ugs205

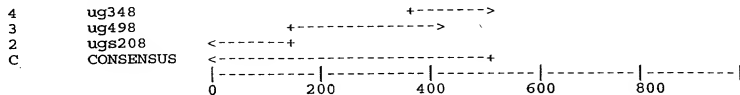


Contig: ugs206

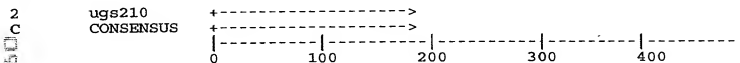




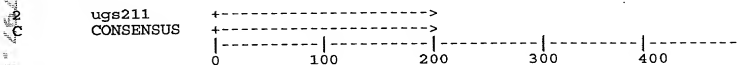
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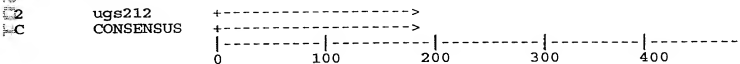
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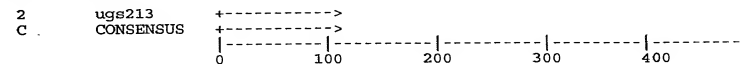
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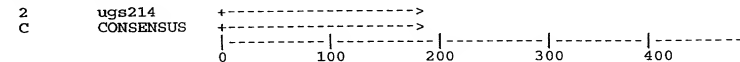
Contig: ugs212



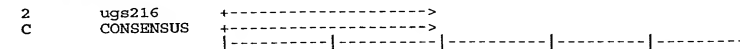
Contig: ugs213



Contig: ugs214

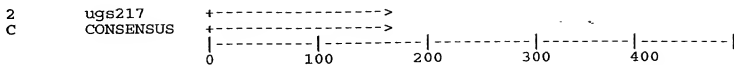


Contig: ugs216

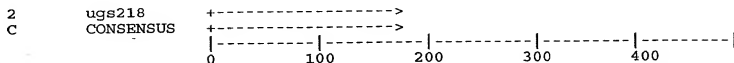


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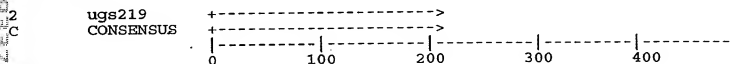
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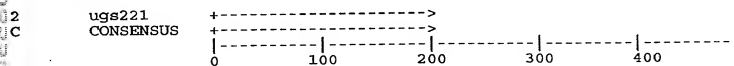
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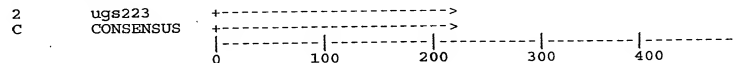
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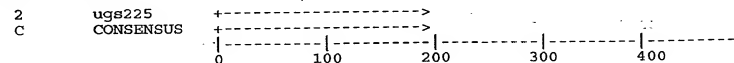
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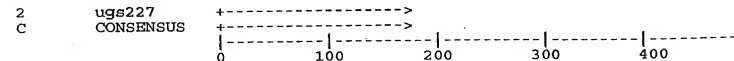
Contig: ugs223



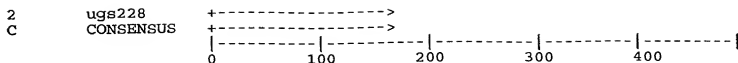
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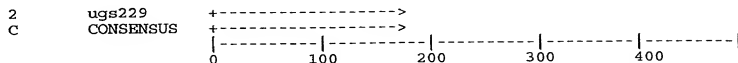
Contig: ugs227



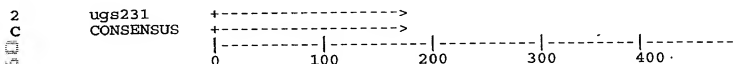
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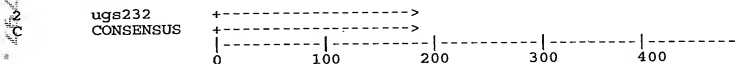
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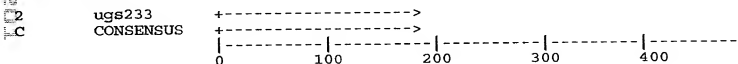
Contig: ugs231



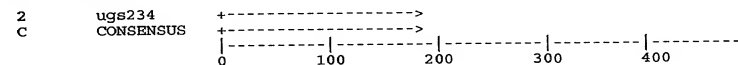
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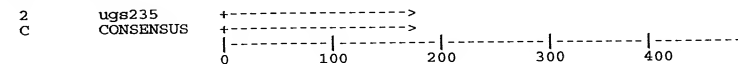
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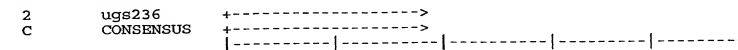
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Contig: ugs235



Contig: ugs236



0

100

200

300

400

819 Fragments in 697 Contigs

09933797-082201

ug093f.seq Length: 102 February 20, 1998 10:43 AM Check: 726 ..

1 GCCATSTGGT GGATTGCGCG GTWMGTGCG CTGGGCTGGC AATTGTGTTC
51 TCTTCGTGTC TGTWCACCH CYSTCCCGGC TCTTCTGGCT TTCCACGTCT
101 CT

09933797-08204
102280-76788660

ug093ft.seq Length: 165 February 20, 1998 10:42 AM Check: 9485 ..

1 GGAATTGCCC GGGTATAGTA GCCTGGGCTG GCATTGTGT TCTCTTAGTG
51 TCTGTATAAC AYCSTCCAG GCTCTTCTGG CTTTCATAGT CTCTSGTGAM
101 AHGICTGGTG TAATTCTBAT AGGCCTTCCT TTATHVYKM CTYGACCTTT
151 CTCCTTACYG CTCTT

0993797-062294
Y02290-26ZEE660

ug106ft.seq Length: 312 February 20, 1998 10:43 AM Check: 6648 ..

1 GGNATTTCGGC ANNGRAGGGA GCAGAGAGGA GGCACAGATG GGCCGTGGGA
51 GAAGAGAGAT AGGAGGGCAG AGGCGATCGC SGKTCGAAGC AGGAAATGCC
101 TTCGCCTCCT CCTGCAGGTT TGCAAAGAGC TCTGAAAAGG TCTGGCGGTC
151 CCTGAAGTGG GTTGGGGGTG GGTAGGGCTG CATAGTGACC CGCACAAAGA
201 GAGGGAGAAT SGMGCACCTC GAATATCCTT CAACTCAAAG AAAAGGATRA
251 MGGMGAGCAA ATGCATGTAT CTCTTCAGAT AGATTBTGAB CTSGGCCAAG
301 TAACTTATAT AC

09933797.082201

ug106ors.seq Length: 294 February 20, 1998 10:43 AM Check: 9976 ..

1 GGAATTCTCT CCTTTGTNCT GNCAGNTTTT TNCCCTTGA NCATWNCATT
51 CATTCAATTNC ATTCATTCAW TNCAGTGNAAGAGCYTCGTG KYCAGKNATT
101 CCAGACTCCG ATGAAAHTYG AAAATOGANY CNYCYNNKT CYAATTANNN
151 KCYAAYCAGA GAGAAACGSY TCCAGTTTCG TNCAGCATAG ACCATACATA
201 TATVCVVBKK KGKGCAGTGT CTACAAGTAA AACAGTTGCT GGAGTAGGCC
251 GGCCAAGGAT TCTACTCGTT TCTAAATAAT CAGATGACTT TTTA

0993797.08224
102280.2623660

ug120fmin.seq Length: 87 February 20, 1998 10:43 AM Check: 5133 ..

1 GGAATTGAC AAATTAAGAM AMGCAAACAA ATCATAGCTG CKCCTSWOGT

51 KTTTGTGCG AAATTGCACA AGAKCCTATA CACCTGA

09933797.082204
102280.78733660

ug120os.seq Length: 444 February 20, 1998 10:43 AM Check: 230 ..

1 GGAANTCCAT AAGTACTATN AWDNVBEVH WWWWTTTAAG TTGAGGCTCT
51 AATTAGACAT CAGCCTGATT YCTTTSAGTT CCACACACAC ACACACACAC
101 ACACACACAC ACACACACAC ACACACTGTC TTCAGCAGTG AGACCTTACA
151 ATCACTTCTT AGAAAACAMT TGATAAGTMG CCTTGCCAAT AGCCAGTGTT
201 ATTTTGGGAT TCCATGGGAT TTCATGGAGT CAACATTGGT CAGCAACTCA
251 ATTAGATGTA AGCCATTCTT GGGACTGAUA GGTTTCCITG GAGAGGAAAG
301 ANTGTCTAGT TGGAGTACTG TTTCCCTTGT TGTTTAGTGA CTCCATTTAG
351 ATTTAATCAT ATATGTATAT ATTTTAAGAA GTTTCACACTG TAGTAGGTTT
401 CCATATGGAC CCCAAAANNT CTTAGTGCTA ACTGTCCCTC CCTG

0933797.082201
102280.2623360

ug254f.seq Length: 109 February 20, 1998 10:43 AM Check: 2757 ..

1 GGAATTCCCG GNCTCGAGCG GCGGCTTTTC CCCCCCCCCC CCDCDCDCTW
51 CWCWCWCTCT CTCTCTCTCT CTCTCTCTCT CTCGCGTCGC GGGCGTAGGT
101 TCTTTATTT

0993797.082201

ug254ors.seq Length: 461 February 20, 1998 10:43 AM Check: 2901 ..

1 GGAATTNCAA GAATGTACGS CAGAGGAACG NCACCTGAGT GGTGGGGCAG
51 GCGGGGGAGG GGAGGTGCCC AGGGTGCCCTG ACCCCAGGCC AGCNTCTACC
101 TCCACTCCAG TATCCCATCC TGTCCCGATT TGAACCTACC CAACCCAACC
151 TATCCCAACC CAAGTGAAGA CAGAGCCTTA CCTTACAGAA AACCCACCTG
201 GRAGAAGCAA RCCACTNCA GCCCCTGTTT CTAATTTAMM CTAAATGAGG
251 TTTCTATGCA GACAATCCAT TCCTTAGGGG TTTATKTTYB NNNNNBBSCT
301 TCCCTTCTGA AGTGTTGTCA CTACAGCCCT GTKGAGTKGG GGAATKGKGC
351 CTTGTCCTTK GTCAGGAGGG AAGGCCAGTG CATGCTCTGA CTTACTGTTG
401 GAGGGGGCTG GGCCTSCTGG AACCCCCCA AATAAGACC WACCCACCA
451 AAAAAAAAAA A

09933797.082204

ug277f.seq Length: 104 February 20, 1998 10:44 AM Check: 3222 ..

1 CTCACTATMC CCMTYCCCT CTMGATCATC TCACCCCCCA ATCTCTAAAT
51 TCCCCTYAGS ASACCAAACC TCARCCTCTC TCTATCCAAT TCTTCAGTTA
101 GTAT

0993797.082201

ug277ors.seq Length: 409 February 20, 1998 10:44 AM Check: 9214 ..

1 GGAATTTCATG GCGCATCCCG CACCCCTGGC GCCCGGCGCC GCGGCCGCGT
51 ACAGCAGCGC CCGGGGGAG GCGCCCGGT CCGCCGCCGC CGCCGCCGC
101 GCCGCGCTG CTGCCGCCGC CGCCGGGCT G.CCGCGTCG TCGTCGGGAG
151 GGCCCGGCC GCGGGGCC GCNGGTGCC AGGCCCCAA GC.AGTGCAG
201 TCCCTGCTCG GCGCGGCAC AGAGCTCGTC GGGGGCCGC GCGCTGCCC
251 TACGGCTACT TCGGCAGCKG CTACTACCG TCGCCCGCN ATGGGCCCG
301 ACCCCAACGS CATCAAGTCG TCGCGCAGN CTGCTTCGGC CGCCGCCNSY
351 CTTGCGGAC AAGTACATGG ACAMCGCCG GCCCCGYGGC SAGGAGTTTA
401 GCTTCGCG

09933797.082204

ug277t.seq Length: 514 February 20, 1998 10:44 AM Check: 2811 ..

1 TCCTTAHGCK TTTCTTCAAG CTGCCCTCTG CTCACCTTT TAATCCATTA
51 ACTAGTGGTC TTGAGTTTAT TGATGACTTT TTTCTCTTGG ACCCTCCTGT
101 TCTGGAACCA GATTGTGACC TGCCTCTCAG AGAGGTTTGT CGTGGCTGAT
151 ATCCTCCTCC GTTGTCTCTT GGTAAATGAAT TTKTTCGTAG CGTATTCCTCG
201 TTCGAGTTCT TTCAACTGCA CCTTAGTGTA AGGCAAGCGC TTCTTTCTCC
251 CCCTCCTATA GGAGCTGGCG TCTGAAGGAT GGGAGACGAC GTGCGGCAGA
301 GTGGAATTCC AGAGGTGGGG AGGCTGCGTC TGCTCTTTGG GGCAGTACAT
351 TTGGCCGTTT CAGCCGTTGG GCAGAGCCCA GGGGCTGATA GCTTTCCATG
401 GGAAGCCCCA GAGGCTCGTK GCGGACTCG CCAGGACCCC CGAGCCCCCG
451 AACTACTGGC ATATCCAGGT AGCCGGGCAC GGGCTGGTGA TGGTKGGTAA
501 GGCCCGGYTG CTTA

09933797.082201

ug291ft.seq Length: 408 February 20, 1998 10:44 AM Check: 8702 ..

1 GGAATTCGTA ATTTTAGAAA ANYGCTTGCG TATTCTNTHHH NNCGTYNCTT
51 NGAACGTGGG GGN.TYTTTN CTC AATAGCC CACATTGACC TTGAACTCAT
101 AAACCTAAGC AATCCTCCTG .ATACCCAAG TANGCTGAGT CTACATGICT
151 GGGCCTCTGT GCTCGGTGTC CTCTGATTTT CATCATCTGA AACTAAGACC
201 TGCCAAAGTN GGGGGGGGGG GNCAGTTTTC CTGAGATTTC GAGACTTGCA
251 TGCSCGGTAC TGGATTGATG TGAGAGCACC CTC TGGGGGCC ATCTCTGTTT
301 TAATNCCCGG GCTCGGTCTT CTGCAGCCTT TGGAAAGGTT ATGTYTCAGA
351 ATAGGTGTTG GTTTACACCG ATGTTTTTCA ATGCTTCATA GGCATBMMC
401 AAGATAMC

0933797.08204

ug291ors.seq Length: 406 February 20, 1998 10:44 AM Check: 1224 ..

1 GGAATTCTGG AGAAGTGGGA GGTGTACTGT ACGGGGAGGG ACCAGGGGAA
51 GAAGAGGGGG GTGGAAAGTA AGAWGGGAGG AMMGGCAGGM GGGGGAGAGA
101 GAGATGTTAC TGCTTCTTT TCAGCACATA TAMNNCNNAB GRCTANRGAA
151 ACGCATATTT AAAATCCAGT TTCTATATTC ACACCTAAIT CACTTCCAAA
201 CCTACTTGTA AAAATCCATC TTCAGCAAAT GAATTTGTTG GGAAAATGGC
251 CAGGCATCCA TACACAGAAA GGTCTCCAT CACCATAAAT TAACTCATGG
301 TATGCTGAAT TAATGTTGA AAATTACTAG AAAATATGTT CACAAACCTG
351 GCAAATTCAG ACTATGTCAC ACACAAATAC TCCTTTCTTT CTCCTCCTC
401 CTCCTCCT

09933797-082501

ug307cons.seq Length: 524 February 20, 1998 10:45 AM Check: 6829 ..

1 GGAATTCN GGCCTGAGCG GCCGCTTTTT TTTTTCAGAAA
51 GCCAGTTTAT TTCTWAGNCT TTNTNCATAN MHYYYHBMNC SGGTACCAAT
101 AGTTACCYGC CATACTCGCA CCAAGTTGTC TGTATAGCCA GCAAACAGAG
151 TCTKCCATC AGCAGACCAT GCCAAAGAGG TACACTGGGG TGGCTCTGCC
201 TTCTGCTGG TGCTGATAAC KTCTTNCKBC AAKTCATCTA CAATGRBCTK
251 GCCCTCCAAG TYCCAGAYCT TGATGCTGVG NNCMRGTGGCA GCSCAGAGCC
301 AGTAGCGGTT GGGGCTGAAG CACAAGGCAT TGRTGATGTC CCCACCATYT
351 AAAGKKTAGA GGTGCTTGCC TTCAATTGAGA TCCCACAGCA TAGCCTGGCC
401 ATCCTTGCCCT CCAGAAGCAC AGAGGGATCC ATCTGGAGAG ACAGTCACTG
451 TGTTCAAGTA GCCAGTGTGG CCAATGTGGT TGGTCTTTAG CTGCAGTTAG
501 CCAGATTCCA CGAATTCAC CACA

09933797.082201

ug308f.seq Length: 77 February 20, 1998 10:45 AM Check: 6713 ..

1 ATTGGCCTTG AKCATCTGAG CGGCGCAGTK TGTGAATCAA GCTGAGCGGC

51 GCTTTTTTTT TTTTTCAGC TAACTTA

09933797.08201

ug308o.seq Length: 403 February 20, 1998 10:45 AM Check: 8787 ..

1 GAATTGCTC TCCTTCCCTC GGAACAACAT TAGCTACCTG GTGCTCTCCA
51 TGATCAGCAT GGGGCTCTTC TCCATCGCTC CCCTCATTTA TGGCAGCATG
101 GAGATGTTC CTGGCACAG CAACTCTACC GCCATGGCAA GGCTATCGC
151 TTCTGTGTG GTTTTCTGC TGTCTCTGT ATGTACCTGG TGTGGTACT
201 GGCAGTCCAA GTTCATGCCT GGCAACTGTA CTACAGCAA AACTCTTAG
251 ACTCTGGTT CACCAGCACA CAGGAGAAGA AACBGAAATG AAGCCTGCTT
301 GATAAACTGC TCTGAGGGG TAAACCTAG GBCTCCCAT T GAGCAGCGTK
351 AAGGGAGCHG TCCAGACTCT CCATCGATTG TVGCATCTGT GATGTTKVC
401 ACC

09933797-082201

ug308t.seq Length: 440 February 20, 1998 10:45 AM Check: 1732 ..

1 GGAATTCGTG GATCTGGCTA ACTGCAGCTA AAGACCAACC ACATTGGCCA
51 CACTGGCTAC CTGAACACAG TGACTGTCTC TCCAGATGGA TCCCTCTGTG
101 CTTCTGGAGG CAAGGATGGC CAGGCTATGC TGTGGGATCT CAATGAAGGC
151 AAGCACCTCT ACACITTAGA TGGTGGGGAC ATCATCAATG CCTTGTGCTT
201 CAGCCCCAAC CGCTACTGGC TCTGCGCTGC CACTGGCCCC AGCATCAAGA
251 KCTGGGACTT GGAGGGCAAG ATCATTGTAG ATGATTGGCA AGAGTTATCA
301 GCACCAGCAG CAAGGCAGAG CCACCCAGT GTACCTCTTT GGCATGGTCT
351 GCTGATGGCC AGACTCTGTT TGCTGGCTAT ACAGACAACT TGGTGCGAGT
401 ATGCGAGGTA ACTATTGGTA CCCGSTAAAR GKTTTATGAC

099379.08221
102280.2623660

ug311cons Length: 704 February 20, 1998 10:45 AM Check: 5725 ..

1 ATTCGGCGGC GTTTATTTGG AGCAAATCA GCTCCCGGAG CTGGACGGTT
51 GAATGCAGGA GGAGTTCAC CAATTGCTCC AATTCTTCC ATTGTTGCAG
101 CTGGCCAAA ACGTTCAGTT GTTGGTGGG TCAATCCAAG GGTTCATCT
151 GGCATCATAG TGGCAGGTCC TGGAGGAGCT GGAGTACCAG GTGGCACAGG
201 AGCA.GGGG CATCGCGCCT CTATT.GTTT ATGCCCATAG CACCTCCCAT
251 AGCCATTGG CCCATCCGTA TCTCTTGTTC TCTCGCATCA GGAAGGTTT
301 CCTT.GAATC CTTCTGCTG TCGGCGCATC ATTTCTCTTT GCTGTCGCCG
351 CATCTCKCC TCACGGCGCC TCGGTCCTC KTCTGCTG AGTTCTAACT
401 GCTTCGSGT CTGAACCYCT TKGKTATGCA GCTCTCCAT TCTCGAAGC
451 TCTTCTTGAC GTCTYATCAA ATCCYGCTC ATTAGCATAA CCYGGKCTC
501 WTGACGKGYA GCCTCCATCT CCATCTCCAG CNTTCTCNAC GAGCCTCTN
551 GATGTCGGA NCCACTNGAK CCTGCTGTTG CKTCTCCATC TCAATGAGTG
601 CCTTCCAGC CATGGCATAC TCATACTCAA AGGAGCVAVV NHGTGCAAT
651 CTGGGTGGCT GTTCTCTCTC CTTGTGGAAT TGCTNNNNNT TGANNTCCAC
701 CACA

0933797.082204

ug316cons.seq Length: 323 February 20, 1998 10:46 AM Check: 4821 ..

1 CGDTAGGCGA GCAGCGCCTN NCCTGAAGCT GCGGGCATTC CGATCAGAA
51 ATGAGGCCA GTCGTCGTG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTGGGCCAG TGCCTCGAGC AGCNNCCMRC TTGTTCTCTGA
151 AGTGCCAGTA AAGCGCCGGC TGCTGAACCC CCAACCCDDN VVMSAKTTTR
201 CGTGTCTGTA NNAMCGTCTN ACRBCGACCT YGTINCAANC AGGWCCNWGG
251 GCGGMAMGA TCNACTGTNR WTCGGSYKYR ACKTTKTNNC ATSCINGAVR
301 CTTTATCACT GATAAACATA SAT

0993797.08204

ug317cons.seq Length: 645 February 20, 1998 10:46 AM Check: 6329 ..

1 GGAATTCCGC TGCCTCAAGC TGGCTTAAAGT CCTGCTGAGA TTCAGCAACT
51 ATGGAAAGAA GTGACTGGAG TCCATAGTAT GGAAGACAAC GGCATCAAGC
101 ATGGAGGGCT AGACCTCACG ACTAACAATT CCTCCTCGAC TACCTCCTCC
151 ACCACGTCCA AAGCATC.AC CACCCATCAC ACATCATTC C ATAGTGAACG
201 GACAGTCT.T CAGTTCTGAA TGCAAGGCGG GACAGCTCAT CACATGAGGM
251 GACTGGGGCC TCGCACACTC TCTATGGCCA TGGAGTCTGC AAGTGNGCCA
301 GGCTGTGAAA GCATATGTGA AGATTTTGNG ACAGTTTGTG AAGCACCTTA
351 ACAATGAGCA TGCATTGGAT GACCGAAGCA CTGCCCCAATG TCGAGTGCAA
401 ATGCAGGTGG TACAGCAGT. TAGAAATACA GCTTTCTAAG GMACGCGAAC
451 GT.CTTCAAG C.GATGATGA CCSACTTGCA CATGCGMCCC TCAGAGCCCA
501 AACCATCTCC CAAACCTCTA AATCTGGTGT CTAGTGTCAC CATGTCGAAG
551 AACATGCTGG AGACATCCCC ACAGAGCTTA CCTCAAAACC CTACCACACC
601 AACGGCCCCA GTCACCCCGA TTACCCANGG ACCCTCTGGA ATTCC

0933797.082201

ug320ft.seq Length: 279 February 20, 1998 10:46 AM Check: 1429 ..

1 GGAATTCAAA RCAGTAACTC CATAGAGCAT CAGNMAAMGA VTCCATGAAC
51 GTACATGTTT CAAATDDGTN NGCCTCGGGA GTAGTCTTGG GAATGAGAGT
101 CCTTACGGTC CAACATGCTG GCAAACGTTA GCTAACATTTC AATGTCAGAN
151 MAGMG TGAGA CAMGCTTGTG CGCTTACMAG THAAMCAGTA GAGTTCTTGC
201 AGAGACAGAT TTSTGNAGGH NSTCAGTCAC GATGACAAAG TCTCACATAG
251 HHCTBGCAAG ACACCGGGAC GATTGASRA

09933797-02204

ug320ors.seq Length: 560 February 20, 1998 10:46 AM Check: 1584 ..

1 GGAATT.CGT ACAGTCACCA AAGTCACATT TCAGAGGAAA TCTTAATAGA
51 TCTTCTCACA GCCAAAAATG CAAGAAGCAC ACATTTTATA GTTTTNNGTT
101 TGTATCTCAG AGCCTCAGTC CATAcAGAAC AAAGTCAGCC CAACAAAATC
151 AGTTCAAGGA AAACAAAAGT TAATTTGCTT GGGCTTCCTA GCTAACACTT
201 GGCTATTTTC CCACTCAGGT GGAGGAGTGT GTAATTCTGC CAGTGCCCGG
251 GAGCTGAGCA CCCAGGBTAA AACACACAAA AVMACACAAG NTTAGNTCC
301 TGGTGNCTKA GAAAGTTACA GTTAGAGCGG AGGCTKCTKA CAGCCTGGRN
351 GTTCCTGGRA TRATCAMAAC NTCCAGCANG CACAACCTTG ACTTACAATT
401 GRCAGCTCTG CTCTACTCTG GGTCTGAAA ACCCCAGAGA GCGCGAAAGC
451 TGACTCTAAG AGGCAAGGTC TGTCCTGCTG TTGTTCTATT GCCACGAAGA
501 GACACCATGA CCAAGGCAAC TTTGAAAGCA TTTAATTTGG GGGKTCATGG
551 ATCCAAGGGG

09933797.08204

ug334ft.seq Length: 100 February 20, 1998 10:46 AM Check: 4552 ..

1 GGAATTCGTT TTBVTTTTTT TTTTTTTTTT TTTVGGTATA ACACAACCTT

51 KRTAADCTA TTACAATWTW TCATGAACAA GGTAATCAC TTGAGTAACT

09933797.08204

ug334ors.seq Length: 572 February 20, 1998 10:46 AM Check: 5387 ..

1 GGAATTCG.C GTCGGACCTN GCGGAGCCCA GGATGGTGT T G.CTCGAGAG
51 CGAGCAGTTC CTGACGGAGC TGACCAGGCT CTTCCAGAAG TGCCGCTCGT
101 CGGGCAGCGT GTTCATCACC CTCAAGAAAT ATGACGGTCG CACCAAACCT
151 ATCCCGAGGA AGAGTTCTGT GGAGGSCCTC GAGCCTGCAG AAAACAAGTG
201 TCTGTTGAGA GCCACGGATG GGAAAMGGAA GAHCAGCACC GTGGTGAGCT
251 CCAAAGAAGT GAACAAGTTT CAGATGGCCT ATTCAAATCT ACTGAGAGCC
301 AACATGGACG GG.CTGAAGA AGAGGGACAA GAAGAACAAG AGTAAGAHGW
351 GCAAACYAGC ACAGTGNACA GYGNTGGCT GCTACCAACC AGSTGNCACA
401 ANGTCNCATT TTNCNNNCTC NTNGTTTGCT RVTTCNCAGC AMCTSTGTAT
451 GTAACGTGTT CCACGGAAGG GTCCTTTAAG AGAGAAGGAC TGGGATGGGC
501 ATGGGCTAGT TGTBGTAAAG CGCCAKTTTT SATTGTGTCYG TGTGGGCTGG
551 ATATTCTTAG ATTCAGCCG TA

0993797.68221
102280.7623360

ug335ors.seq Length: 156 February 20, 1998 10:46 AM Check: 2232 ..

1 GGAATTCCAT TGGCAATTC TTTTCCAAT TCCATAACTT TATTCATTBC
51 CAA.AG.AGA GCTGGTTTTC ATCAATAGGC AAACCTTGTGTT CCTGACGAAT
101 CAGTCTGGCC ACAGAAATCA TAAATCC.A CATATGCTGT GCAAGCCTCT
151 TTATAT

09933797-082201
102280-76788660

ug335t.seq Length: 248 February 20, 1998 10:47 AM Check: 2718 ..

1 GGTGGATTCC TTCCTTAATA GTGTTATTVT GTTTGTTTCT ATGVTTGTCC
51 CCTCCCCCTT TTCTTGAGGC AGCGTCTCAC TCTGTAGCCC AGACTTGACC
101 TGGAACTCAG AGCAATCCTC CTGCCTCAGC CTCCAAGGG CTAGGATCAC
151 AGGCGTGCGC CACCACGCC AGCCTTCTTA TATTTRGRRD DTTTTTTTCT
201 TGCTTTWATT TGATTTTCT TTTCTTTACA AATAGAATTA SCACCCTT

099337-08224
102280-262336

ug353ft.seq Length: 92 February 20, 1998 10:52 AM Check: 673 ..

1 GGAANTCCGG CTCGAGCGGC CGCTTTTTTT TTTCTCTCT CTCACGCCT
51 TCTGGTTATC GTTACATGRG AACATCAGAC ATACTARRGG GG

09933797.082201

ug353ors.seq Length: 633 February 20, 1998 10:47 AM Check: 5520 ..

1 GGAATTCGGG GGAGAAAGAG AGGGAGGGAG AWWGWDAGAK AKAGAGAGAK
51 AKAKATCTTD TTCTYCTGGC ACAATATTWW YTKTTNNNN DTDWGCTNNA
101 AACTTKTTCT NGTATTTTWT KACAWYMRGG RAATTCTTTC CTCTCTAGGC
151 AGATTGCCAA AAACAAC TAG AAGCTAAATG CCTGTGCTT CTGCTTCTAC
201 GACACACCAC TCCGTCTTGT TCAGTTTCAA CTAGCGTCGC TCTAAAAGGA
251 CAAAAA ACTT CTTGTTTTC TAAATAAAAC ATAAATGGCC CAGAAATTGA
301 ATTGCCGATC TAAAAATTTT AAGTGACTGA AGATTCTATT AATTCTGGCA
351 ATAAATCAT TAAAAACAAA ACAGGTGCA TAAGACTTTT AAACAATTCA
401 TTCACAGGCA TGAGAATTTA AGGTTTCTTT TAAAAATATAA AATGCTAAAA
451 CAATAAGTCT AACAGSAGAA TATGAATAAT ACMATATCTT AAGAAAAAA
501 CCCACAAAGA CAAACATGAC ATTTCAATCA TAGCTCATTC AAATAAACCA
551 AGGATTAAAC CTTAGTTTTA ACCTGTTAAT TTTCCTTTT RYTTTAGTAT
601 GTCTGATGTC DCATGTACGR TARCCAGAAG GCC

0993797-082204

ug354cons.seq Length: 445 February 20, 1998 10:47 AM Check: 3451 ..

1 GGAATTCAGG AATTTVVBYW NVCWVWSCWR MYYYCMYKKY SKYMTCCGMC
51 TCCTCGGGGG CMNCTCCTCT CCTAGTGCCA AAGACATCAV GANAATVCTN
101 GACAGCGTGG GCATCGAAGC GGACGATGAT CGGCTCAACA AGSTCATCAG
151 TGAGCTGAAT GAAAAGNNCA TTGDGGNVTG CATCGNVCAG GGTGTGGCA
201 AGCTGGCCAG TGTGCCTGCT GGTGGGGCTG TGGCTGTTTC TGCTGCCCCCT
251 GGCTCTGCAG CACCTGCTGC TGGTCTTGCC CCCGCTGCAG CAGAGGAGAA
301 GAAAGATGAG AAGAAGGAGG AGTCCGAGGA GTCGGATGAC GACATGGGAT
351 TTGGCTTGTT TGATTAAATT CCTGCTCCCC T.GCAVATAA AGTCBTTT.A
401 TGTAACAAAAA AAAAAAAAAA AGCGGCCGTC GAGCCGCTGA ATTCC

09933797.082201

ug357ft.seq Length: 225 February 20, 1998 10:51 AM Check: 9663 ..

1 GGAATTCGTG AGCAGAAAAGC AATGAACATA GATGGTATAC ATACTGTATG
51 BSTGTACTVG CTACAVGRGA CATACAMGCA TGTCCATCGA AGACTTGAAG
101 AGTTCTAAAG CAGCTTACAT ACCAGCTCAC CTGTCCCTGAC TTCAGTTAAA
151 TTVTVGVSCTA TGNTBCCAAC AACAGGGGAA AMCAGACTAT ACGGTGATTC
201 TCCTCAGMGT GTCCTGTGTTTT TCCTA

09933797.082201

ug357ors.seq Length: 428 February 20, 1998 10:47 AM Check: 9711 ..

1 GGAATTTCGTC TTCAACGGCT TCTGTAAATC TCGGTGACCC CACAAGGCGT
51 ACTGAAGGAG ATTACTTATC GTACAGAGAG TTACATTCAA TGGGAAGAAC
101 TCCAGTCATG TCAGGATCAC AGAGACCTCT TTCTGCACGA GCGTACAGCA
151 TCGATGGCCC AAATACATCC AGGCCTCAGA GTGCCCCTCC CTCTATTAAT
201 GRANNVCCAG AGAGAACTAT GTCAGNTAGT GANITCWATY WCTNCACGGA
251 CNTAGTCCTT CAAAAGWACC AAATACAAGG KTCGGGTCTG AACATNTCTC
301 TGTTAGADCC YCCAKGDRWA AGCAAGGTTC CTCATGACTG GCGGGANCNA
351 GTACTACGAC ACATTGAGGC CNAAAAGTTA GAAAAGGTAA TTBAACTGAG
401 TTTTTCATTC TCTTWCITAA TTTWTTC

0993797.08201

ug371cons.seq Length: 612 February 20, 1998 10:47 AM Check: 3767 ..

1 GGAATTNCCC GGCCCTGGCA CAGAGGACTA GGTGTGAGAG TGTGAGGTTC
51 CCACCCCCAC CTTTCTTGCN GCBGCTCCCT CCCCCSNGAC ACAGCCACCC
101 TCGTNGCTC ACCBCTGGG AGCTTGTTCG TTCTTGTTC AAGBGC GTAA
151 TTBCGACACT CTCTAGGGCG CAGGGAGCCC TGATTACAT ATTCTCYNN
201 BGAGTBCBTT CCNNCTGGTA GGGATTNNNC TCTCTTGGT TCTGACACCA
251 NGGNACAAGA GTBCARACNN TNGGAAAAAA CGACTYCCAG GAGCTAGCNT
301 TGGCGNTGGG CCTTGGTACC CNAITAGGCC TTINYTTCTT CCAGGTITTT
351 CCGCTCNYT SYKTCCKYC TTTCTTTGCT TACTYCTCAC TCTTCTYCCT
401 TCTCTCTCCT GTCTTCYCT CTYCTTTCC TCGCTCCAT CCTGCKRTCT
451 CKCCTKTCTC CAGTCNKTC TAGTTCCTCC ATCCTTTCC TTTACTCTCT
501 CTCTNWTCT MYCTCTCTCT CTCTCACACA CACACACACA CACCACACTA
551 GTGTCTTKKD AATWGTBAAT HGTGATCCCC CCTGCGCTC CCTCTCTCGG
601 CCCYCCCCCT CC

09933797.00001

ug371f.seq Length: 140 February 20, 1998 10:52 AM Check: 6411 ..

1 GGAATTCAAC THATTKKACT ATBSVNVCAV SVANCACTDG TKCTGCTGC.
51 ..TGCTGCTG CTGCTGCTGC TGCTGCTGCA GCAGCAGCAG CAGCAGCAGC
101 AGCAGCAGCA GCAGCAGCAG CAGCTACAVC GGCKCACACA

09933797.082204

ug440f.seq Length: 41 February 20, 1998 10:51 AM Check: 8583 ..

1 GGAATTCCGG CTCGAGCGGA CGCTTTTTT TTTTTTTY T

09333797-082201

ug440rs.seq Length: 217 February 20, 1998 10:48 AM Check: 4651 ..

1 GGAATTCCTT AATTTTCATCT AGCCTCTGGC CCAGGAAGAG TGCACATTTA
51 AWGGGACTCA GAGAAATGCT GAGACACATC AAGAGCTGCT GGGCATCCAG
101 GAAGAATCTG AGTGCAAATT TATCTTTTCC TGATGGGTCG TCATCATCAA
151 TAATTACATG GHGAYCAGTC AACAAAATTK TAAAACCCGG HMCCAAGTTA
201 CAATCATGTG TTCTGTC

09933797.082201

ug441ft.seq Length: 290 February 20, 1998 10:51 AM Check: 6600 ..

1 GGAANTCCTT ACCTCAGANC CCTCATACAG TGCACTGGTA CCAACACCTG
51 GGAAGGCAGC CTGCAAAAGG GGCCCTTCTC CTCCTTGAAC TATGTCAGAA
101 TCTTTGAGTA TCTCATTTGT CCCAADATGC ATCTGGGAAT TGTGCAGAAA
151 GACGTCAGA AAAGAGGGTG ATAMCAGAGA HHYCCCGAAT AAGGGGACCA
201 ATGTATATGG BCYYCMT CACAGTTTCTA TAGRSSCYBY BGTAGACCTT
251 TEGTTGGGAA ACGCCCTACA TCTGGGCATA GCTTCCTTTT

0993797.00201

ug441ors.seq Length: 338 February 20, 1998 10:48 AM Check: 3960 ..

1 GNAATTCGAG TAGATTCCCA GTGCTCACCA TGAGGGAAAC AATGTTACTA
51 TAMCDDDNCC TANTGNASGN NNNNNNNGC CNGNGGTAAA CNGNTAGAGG
101 NTCCTCTGNT NCANTGTNCT TTAMACAYMR YTWSRGTAGA CAGCAATGCT
151 CTTTACCTAG CTTAGTGTTC TGAWKGSMAA ATATTGTATA TTGTGATAAT
201 TATGTCCTAT TTATTTGAGA TTCTTGTTTA AAATTTAAAA AACAAAAAAA
251 CAAATDAAAA TTTTTTGTCT ATGCCCTAGA TGTAGGGCTT TTTTTTCCAA
301 CCAAAGTCT ACAAAAGTTT CTATAGAAAC TGTGATTG

09933797.082201

ug482ft.seq Length: 213 February 20, 1998 10:51 AM Check: 8926 ..

1 GGAATTTCGGC TTCAAAACAC CATGTAACAT CTTCAAAAGA AAAAVANNTT
51 TWWWWMTCA AACGAATCAG AAATGTAAAT CCAGGTCCAC GAACCCACAG
101 TTAGGCCAG TGGAGTGAGA GGTCCAGG AATAGGGGT GGGGGAAGA
151 HAGSNAGCCA AAGTCTCTG AGGCTCCCT CAGATGTGTA GAAAAATTAA
201 AGATAACYCC AAT

09933797.082201

ug093ors.seq Length: 349 February 20, 1998 10:41 AM Check: 9134 ..

1 GGAATTCAAC AGAATACAAG AAATGGAAGA GAGAATCTCA GGTGCAGAAG
51 ATTCCATAGA GAACATCGAC ACAACAGTCA AAGAAAATWC AAAATGCAAA
101 AGGATCCTAA CTCAAAACAT CCAGGTAATC CAGGACACAA TGAGAAGACC
151 AAACCTACGG ATAATAGGAA TTVATGAGAA TGAAGATTTT CAACTTAAAG
201 GGCCAGCTAA TATCTTCAMC AAAATAATAG AMGAVMMCTT CCCAAACATA
251 AAAVVMGAGA TGCCCATGAT CATAAAGAM GCCTACAGAA CTCCAANTAG
301 ACTGGACCAG AAAAGRAATT CCTCCCAACA CATAATAATC AGRACAACA

09933797.082201

ug096f.seq Length: 94 February 20, 1998 10:41 AM Check: 7686 ..

1 TCTAGATGCA TGCTYGVGCG GCCGCCAGTG TGGTGGAAAT CC CGGTCTCG

51 AGCGGCCGCT TTTTTTTTT TTTTTTTTT TTTTTTTTT TTT

09933797.082804

ug096ors.seq Length: 533 February 20, 1998 10:41 AM Check: 1140 ..

1 GGAATTCGTG ATCATGAAGC CTAGTDCGCT CATTACACAA BBBSGGGGGA
51 GGDCTCAGGA CCTCTCCACC CCGGGAGTCA TTTCCCTGTG .TGCTGTGGA
101 ACTAATTGTA AAAGTAAAGT CCAAGGAAAC ACTGCTCTGT TCTGAGACA
151 TGAAGGAAAT GAAAACACAA GACAAAGCAA AGAGC.TGCG CATTCTCTGG
201 CCCACGCACC GCGAGAGAGT GCCCAAGGTC AGCCATCACC CACTAGTGTA
251 AACTGACCCC AAGTTAGCTC CCCAGCGAGC AGGCTCCAAA CACCCCCATC
301 CTTCTTTCT AC GGAGGTTT GTGAATAAAA TCACCTCTT CCTCAGTAC
351 CACATCTCTT AACTTTATCT RCCCAGCNAT GGGGTGAGCA GCCAGACTYN
401 GATCTKGTAA MACTTACATA ACATAATTTG AGTGCTGAGA ATACAGCTCA
451 GAGGTAGAGC ACACTTGCCT AGTGCTCATG AGCCACAGGC CCATTCCCAG
501 TATCATATAC ACAAASGATA ATTTTSTWGA CTA

09933797-062201

ugl01orsft.seq Length: 503 February 20, 1998 10:42 AM Check: 1662 ..

1 GGAATTCCGC TTG.ACCTGC CTTGGGGTAT GGGTACTGCT TTGCTTTGGG
51 GTACAGTGCT CCAGTAAACC GAGGTATGAT CATGTTAGGC ACCAACGAGT
101 CATTATCAT CAGGAAGGCA AGTCTCTCTC CATCGGGGGA CCACCAGTGG
151 GCGATATGAG AATGCAGAAG TTCTTCTAGA ATAAATGAGT GTTATNNYAC
201 ATCAACTTCA TATAACCAGT CAGCAATCCC ATTAAAAATA ATGCCTTCCT
251 TCTCTGAAGA TGTTAGTCGT AAAGAACTGC TCTTGATATC AGGTTGATAG
301 TAGATATTGT TTTCAAAAAT ATAAATCAGC TGCTGTCTT GCACACCCCA
351 GGCCG.CATA CTGCAACAC. TGAGTCCTCA ACTTCTGGGG GA.TTCAA.C
401 TCCCACANHT TCCCAGATN NAAAGTATGT TCDCTGGCA TACGACGHYC
451 AAGCRGHKDC ATACTCATTA CCGCTTCATA TTGATTACAA CATACACACT
501 GGA

09933797.082204

ug102cons.seq Length: 1133 February 20, 1998 10:42 AM Check: 215 ..

1 GGAATTCCTC TCTCTCTCTC TCTCTCTCTT TTTCTCTCTC GCTCTCTGCC
51 TTTCTCTGTC TCTACTCCCT CAACTCTCTT CCCCATGCCC TGAATAACCT
101 CTATTCTATA CTACAKGRCT GGGCCCTCAG GGGGAAGGGG TGCCTCAGCA
151 TGGGCCCGCA GAGGTACCCC CTTCCTCCACA CCTGATGGCA CCAAACATAT
201 TCCTTCTCTC CTCTCTCTCC TGCTCATCGC TTGAGGTAGC ATGGTTCTCT
251 CTGGGAAGCT CTGGGKGCTG AGTCAGGGCT CTGCNTCTGG CCCYCCCCTG
301 AAATCCATC AGAATCTACA TGGCCCTGGR CTGTGGCAAT TKKCTTCTTG
351 GDCCCYAACA AGACTTWAAG NKYCTYGAAG GGCAAGGTTT CTTCCTCACTA
401 AATCCAGCAC AGGGCAAGAC ACATAGTAGG TGTTCCACAA GCACCTAATG
451 AGTGCTCTGG GTTGTGTTGGA TTTBYBYBYG TTGTGTYTGT TTGGTTTGTG
501 GKTTTGTGTT TTKGTTWGT TGTTTAGYNS GTTTTGCAAC AAKGTCTCAA
551 GTGACATAAC CCAGGGTGGC TTCAACAATG TKAACAAAGG GTCYYCYKSC
601 YYSRM CYKKY MARKKSYKGG RNNMMMRGSS SMMCMWVSCY KGKSYWWWK
651 GRKTKRRCCC AGGGCCTCAG GCATGCGGTA CAAGCACTCT ACCAACAGRT
701 CTGCATCCCC AAACCCCAA CAGACAACTC TTGGTGCCCG GAGTGTGCCA
751 GGCTCCCTG GTAGTACTGG GCAGACAGCA GTCTTGCTC TTGGCTTTGC
801 TCCTGCTGGA AGCCTCCCTT GACTTCTDCA GGCKTTTACC TGAATCCTAC
851 TCTATGTAC TCATCAAACC TCTGCGCCCA AGAGGARCTG YCTGGGAAA
901 ACACAGGAGG CGGCGACACA ACACTGTGCC TTTCTCTGCT GSCCCCAAGG
951 AACTCAGCA GGGGTGTCTG GTACACCKTC AACCTTTGT CTCTTGCDDB
1001 KTKTKTCTCT BTCTGTGTCC TTTGAGGTTT CATGGTTGTG GTGGTTTGGG
1051 TTTTCTGTGG TCGGTTGGCA GTAAGGTCTG MNNCATAACC AGTGTGTGTG
1101 DTKCKGCAAA TGCNTATATA TAATGGNAAA TCC

09933797-092201

ug482ors.seq Length: 330 February 20, 1998 10:48 AM Check: 2542 ..

1 GGAATTCCCG GCTCGAGCGG CCCCTTTTTT TTGGGGGGGA GACGGGGGCT
51 CAGGGTGTGA ACATGAGGTG AGACCTGGCA TGGCAGGGCT GAGTCGTGCC
101 TGCTGTCAGC CCTCTCTGT CTTCCCGAG GCTGAGGGGG GCCTCAAGCT
151 CCCTTCCCA GCAGAGCCC ACCCACCAC CCGCCTTCA AAGCCCCCTT
201 TGGAGAGTTA ACTGTCCGTG TGAGGCGCTC ACTCAACCAA TAAGCCCCAA
251 NGAAGTCAAA GCAATAATCT TCGTTACTGA GATGCGCGGC TGTAGTGT
301 TNGTGTGTGG KTTTGNITT TTTGGGKTTT

0993797-08204
102280-2628860

ug484ft.seq Length: 234 February 20, 1998 10:52 AM Check: 876 ..

1 GGAATTCNTT ATATCATKKK VNKNCCATAV GGBGTCATCT ATGTNBDAAT
51 TTWTYNNNNC ACATATBSSG CTCATTACAC TTATATCGGG TCAACACAGT
101 GGCAGATGNT CATCAAAATGT CTTTCATTCT AACACAGTGG CAGATGTTAT
151 CAGATGTCCT TCTTTCTAAC AGTTACAAGG CCTTGTCTCT ACCTCTTCCG
201 CTTCCATGAC CCAGTTTGG TGATTCTAAT TTAA

09933797.082201

ug484ors.seq Length: 419 February 20, 1998 10:48 AM Check: 204 ..

1 GGAATTCGTA ATCCACTAAT ATTTATGGGT GTTATCACAA GTATAMCAAT
51 NNGNTVGTCA ACTAC...AAA DCAATAAANC AGTTCGCCAA ATAGCAGCGT
101 ACGCCCTACG TTAGCACAGC CAGGTATAAA GATCCGTAGC CACACCAAAC
151 TCTACAAC TG ACTGTTAAGT GGCATAACAG TAAATAGAGG AACAAACCAT
201 GTTCAGGGAT TAGTGAGAGG GTCCAGATGT TAGAAGCTGC GCCTCCTCCC
251 CACTCCTTGT ACTCACTCCA TCACTTAATG CAACTAAAGC GTGTTCTTCT
301 TTCCITTTCH CTCCTANTCT GACAATGTAN TGCTGATATT AATTTGAAGV
351 CAATAGCCCC AACTGCCTTG AAAACAAAGA AGTATTATGA GTTGTTTGAA
401 CACATGGGKA TTAAAAAAC

09933797.082201

ug485ors.seq Length: 622 February 20, 1998 10:48 AM Check: 6684 ..

1 GGAATTTCGCG CGCTGTCTTC CCGCTCGCGT CAGGGACCTG CCGACTCAG
51 CGGCCGCCAT GGCATCAGAT GAAGGCAAGC TTTTCGTGGG AGGACTCAGC
101 TTCGACACCA ACGAGCAGGC GCTGGAGCAG GTCTTCTCCA AGTATGGGCA
151 GATCTCCGAA GTGGTGGTGG TAAAGGACAG GKAGNACCCA NGCGATCCCG
201 AGGCTTTGGG TTTSTCACCT TTKAAAATAT CGANTGACGC TAAGGANC GC
251 CATGATGGCN NTATNGAANT KGGNAAGTCT KTGACGVGC NGGCARATCA
301 KAGTTGACCA GGCTNGRCAA GTCTTCTGAC MACCGTYCC GAGGATACCG
351 GGGTGGCTCT GCTGGAGGCC GGGGCTTTTT CGTGGGGGA CGAAGCCGGG
401 GCCGAGGGTT CTCCAGAGGA GGAGGAGACC GGGGCTATGG AGGTGGCCGC
451 TTTGAGTCCC GGAGTGGGGG TTATGGAGGC TCCAGAGACT ACTATGCCAG
501 CCGGAGTCAG GGTGGCAGCT ATGGTTATCG GAGCTCGGGA GGGTCTTACA
551 GAGACAGCTA TGACAGTTAT GCTACACACA ACGGTTAAAG CCCTCCGCGT
601 CCAGADYCGT CCTTCCATGG CT

09933797.082201

ug485t.seq Length: 153 February 20, 1998 10:52 AM Check: 3249 ..

1 CAAGTTTGG TTGAATTCCT CGGAGCGGCC TTTTTTTTTT TTTTTTTTTT
51 TTTTYYYYY YYYTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
101 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTAAANWA
151 AAA

09933797.08201

ug491ft.seq Length: 603 February 20, 1998 10:52 AM Check: 5954 ..

1 GGAATTCCGA GCGGCCACAG CCGTCCCGG ACTCGGAGCA GCCGCCGTCT
51 GCGCGGAGC TGGAGTCTTC GGCCGAAGAA TGCAGCTGGG CCGGGCTTTT
101 CTCTTCCAG GATCTGCGAG CCGTGCATCA GCAGCTGTGC TCGGTAAACT
151 CCCAGCTGGA GCCGTGTCTG CCGTGTTC CCGAAGAGCC GTCAGGNATG
201 TGGA CGGTGC TGT TTGGGG CGNCCCGAG ATGACCGAGC AGGAGATCGA
251 CGCTCTATGT TACCAACTCC AGGTCTACCT GGCCACGGS CTGGACACGT
301 GTGCTGGAA GATCTTTCT CAGGTCTTT TCACCGAGAC GGATGATCCG
351 GAGGAGTATT ACGAAAGCCT CAGCGAGCTG CGGCAGAAGG GCTATGAAGA
401 GGTGCTTCAG CCGGCCAGGA GGCGCATCCA GGAGATGCAA AGCTTACAGG
451 GTGGTACAGA AGCTATAGCT CGATTGGMTC AGCTGGAATC TGA TACTAT
501 GAYCTGCAAC TTCAGTTGTA TGAAGTACAG TTGAAATCT TGAAGTGTGA
551 AGAGTTGTTA TTAAGTGCAC AGCTGGAGAG CATCAAGAGA CTTATATCAG
601 ACT

0933797.082804
102280.76233660

ug491ors.seq Length: 394 February 20, 1998 10:48 AM Check: 796 ..

1 GGAATTCGTT TTTGTACTGT TAACATTAAC AATTTTTTTT TTTTIVVBBS
51 ARRVGATTCC AGGCTTTCTT GACACTATCT TTACTCTTTA TANACTCAGG
101 AGGTGGTGCT CCAAGGGCAA AGAATATTAC WRCWGACTTA GCCAATTTAA
151 CTGCTCCAGC TGGGAATACA CTCTAAACAG AACCCCTACA ATCAGAGTCC
201 TATGGCTCTC TCTGAAGAGC AATGTAAATC AAACATTAGC ACATTCTAT
251 TACCTGCTTA AATGTTTGAA GTCTATCCAG TGTCCCTGT CTCTCTGGC
301 TAACCCAGGC ACTTTTCTT TCCTCTTCAT CATGCAATT GTCTCTCTT
351 ATTTGTATTG TATGATGGC TCTATATCA TCTCACTCT GAAA

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ug493ft.seq Length: 205 February 20, 1998 10:51 AM Check: 5264 ..

1 GGAATTNCCC GGCTCGAGCG GCCACTTTTT TTTTYYYYTT TTTTWWTTTT
51 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
101 TTTTTTTTTT SCCTTTGGGG GTTTTHTTTB TTTTAAAHB TBKTGSGGDK
151 TYACCCGAAM RGGCMAGCCT TYMCACCCMG GGGGGTTWKT CCCCCAAAGG
201 AGGGA

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ug493ors.seq Length: 263 February 20, 1998 10:48 AM Check: 7635 ..

1 GGAATTCGNT ATTTATATAT AVGCGATAMT NBSGGTTTGK NACATTAGTT
51 TTAAAAAAGG GAAAGTHTTG NTYTGATATAN NNYGTTACCT TTTACAGAAT
101 NHAAGNATTC AACATTAAGN ACCATGTAAC CGAGACACTT GATCTGACAC
151 AGGGGCMGTC GGGAAACCGA TGACTGCAGT AATCACCACCT GTACAAAAAT
201 GTTAGTGGGT TTTGTGCACG TAAAAATGCAC ACTTCCATTT CCTGTCAGTT
251 TCTTATTTGA VAA

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ug494cons.seq Length: 423 February 20, 1998 10:50 AM Check: 6495 ..

1 GGAATTCCTT AMVTGTTTAC CATCTACTCG TGCTGAATCC TTCCAAGGAG
51 ATTGCTCCAG CGTATATCTC CAGSTCCTCG CTTTGCTCCT TTTACCAAAA
101 AATGCAAAAC ACAATTCCAT CGTGCATCTT AAGGGCTCCA ATCGTCAAAA
151 ATAGGAAAAA AATTCTTTGG AATAGCCAAT TAAGTTGAAT GAAAAAAN
201 TCCNANCACG AATGCGGTIT GGTIGGGGCA GGAAGGAATC CACTCCTATG
251 TKCTGGTAA TCTGATCCCG CNCCATGAAT CCTGGTAATT CATCCTCCCT
301 ATCCTATCCA CATTATGATT TGAATCCAAT GATCCTACTC CAGTGATTGA
351 CAA.GTGTGC ATTGCCTATG TTTGTTTATV CBBKAATTAC AAAACTATTT
401 TTTTPTAACT TCCTAAGAAT TCC

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ug503ft.seq Length: 159 February 20, 1998 10:52 AM Check: 6502 ..

1 GGTGGAATTC GGTGAGCGG CCGCNTTTT TTTTTTTT TTTHWWHHW
51 MMMMMMHHH BBBBKKNNN KKKKTTTT TWLGGWACAA CAAGDTKTAA
101 DGNTTTTTT WCTATTNGG KAAAAAMVGG TTTWAANGKT TTTWWAARN
151 GGGTTTTNA

00937797.082204
102280.7648660

ug503r.seq Length: 310 February 20, 1998 10:50 AM Check: 9547 ..

1 SCAVMAHTTA CACTATATAC ACYAACCATC AWCAMTCTTT TACCTATCTC
51 TTATCCACTA TTAACCTCCT TCAATTTTCT TTTTAACTCT TTTTTTGTGTA
101 CTACTCATGA TGTTTTTCTC CCTCTCTCTT TTTCTAATYT TTTTTTTCCTC
151 AAYAYTTATA CTTTAAATATA AAMTCTYGT TTTTCATTCT ACAAATDTTY
201 TTGCTCTCCA WTTYTCATTC CTTTAAAATT CSGROWTTTA ATTKCTTBCA
251 AACBATTITG CTTTTTGCTC CKTTTTCATT GTCCCTCAT T KAKTCTCTKG
301 WCCCATTTGG

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ug503s.seq Length: 276 February 20, 1998 10:51 AM Check: 4722 ..

1 GGAATTCGTT TTTTTTTTTT TTTTCCCTC TGTGGTCTAA GCTTGTGGGT
51 CCCAGACTTA GTTGAGATAA AGCTGGCTGT TATCTCAAAG TCTTCCTCAG
101 TTCCAGCCTG AGAATCGGCA TCTAAGTCTT CAAACATTTC GTTGCTCGTT
151 TTATGCCCTC ATGAGCTCTG ACCATTGCAT GCGTTCCCAT CCCAGCTACA
201 GAACTTCAGT TTATAAGCAC ACAGTAACCA TTCCTCATTG CATGATGCC
251 TCAAATAAAA GGTGAATACA GTCTAT

09933797.082504

ug505ft.seq Length: 180 February 20, 1998 10:52 AM Check: 9701 ..

1 GGAATYNGGA ..TBDRVARG VCBTTAGGAT GA.CTGTTCG TATGGGAAGA
51 AGTTAGAGAC AATGGATTN A.DNACNGAT TTNNBGGATA AN.GCKTTGT
101 SATTNNN.NA GTANCAGGGA AGTAAGYCAT TTT.AGCCTA TN.CNTTAAG
151 V.GTGAA.CT ACAGGACAGT AANCTATATA

09933797.082201

ug505ors.seq Length: 260 February 20, 1998 10:50 AM Check: 1475 ..

1 GGAATTCCCTC CAATCTACAC CTATACTTAA AAATCATGAA TCTGACTAGC
51 CATGCCATTG AAAACCACTC AGTACTAGAG GATGAACCAG TTTTCAATGT
101 TATCAGCCCT GGAAAAACAG SCCAGCTCCC ACCCCCAGCA CATTCTANTT
151 TNGTTTTAAC ATTTTATARR DDNBGNBATT DYHMKTKTGG CCATTTTGT
201 GGGCARAAAG TTAAATGGCT TCCYTTTRAG RCTTIGGTSC YGGGGCVADG
251 GGAGCACACC

09933797.082201

ug506ft.seq Length: 204 February 20, 1998 10:51 AM Check: 197 ..

1 GGAATTCACC GGCTCGACCG GCCGCTTTTB TBTTHHBYYN YYNVT.CATN
51 CVDGNBYTTY GNNNNCTGTG CCTAGTAVTN NNGVNNBCCT AAAVCTCACT
101 AGAATCCTAT TBBVGTATGG YAMAHBTYCT TSGTTCATAA TYGGGTTKTT
151 TTGTCTTGGT TTTYTGTTT TYCGTTTTGT TTTGTTTTGT TGTTAAGAGC
201 TAGA

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ug506or.seq Length: 307 February 20, 1998 10:50 AM Check: 9662 ..

1 GGAATTCGAG GAATATCAAC TTAGTGCTAT TWTACATCG TTCAGTCAAA
51 CTTAGCCAGA GTTCCAACNC CCTACTTAAA ATTCAACTAG AAAGTTACCT
101 ACCAAGTACT AATTAGCATT ATAAHGTGAG AGCCTGCAGC TCCAGGCCTT
151 TCAGTTAGTT GTTTACTAGA AAGGACAGTC TTAAGCCAGA TACAGTTTMY
201 CATAAGANAH GTTAAAGMMT NCCAGTGAAG CAAGTTTTTY CTTTAGCCCT
251 AGATTCCMGG CAGNACTATT GAGCATAGAT AATYYCCCCC CCTCAGGCCA
301 GCTTTTT

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ugsl48oft.seq Length: 279 February 20, 1998 10:51 AM Check: 6012 ..

1 GGIGCAATTC CCGDGGCGCC VTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTIWWWWHN NBBDRNNNNN NNNTTTTTTT TTCAC TGGNN ATATNTGNTT
101 TVTN.CCATC AGACATGCTG CAATHTTVGV CATTYCCMCA GGGTWTAGCA
151 GKT TTAAMA GTTGCATTT GAACAGCTGA CATGAATAAA CAAACAGTGG
201 GTAGGTGAAT AACCTGCAAA CGCGAGTTCT GGATTCAC TT TTAGAGCTG
251 AGATGACAGA TTCAGCAGGA ACTCTGTAC

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ugs148rs.seq Length: 292 February 20, 1998 10:50 AM Check: 4041 ..

1 GGAATTCCCTT TTGGMGCAAG CCTGGGGTCC AGAGCAGATG TATTTGATT
51 CTGACCCCTGA GTACGAGGGC CTGTTGATA AGMCTCCCTT GGAGGAGGGC
101 CACACTGCGC GTGCACCTAA GTCTGCATCC TCGGCTGGCA GGAAATCTGG
151 TCGGCGTTCG AGTGGGAGGG CTCCGGGGAC CCGSGCTGGG CTGTCCCGAA
201 AGGCCSSCCS GTGCNGTCCA GANSCCMAAG GAAGAAGAGC CTCCAGTTGG
251 AAGAGGGCTG CTACCTTGAC CACTTGCCYG GAACCTBTGG CA

09933797-082804

ugs186oft.seq Length: 410 February 20, 1998 10:50 AM Check: 2919 ..

1 GGAATTCATT CTTTAAAAGA TTATCTCTGC TGCAAAGTTT AAAAAGTGTT
51 GAAAAATATT CTATACATCT TGCTCTTAGA ACGTCTCCAC TTTGACAGAT
101 CAGGTGACCC TCCTCATCAT CCTCTATACT CCTGGATCTT TTCCTTC.GG
151 TGGCTCTTCT GGAACGGCAA GTGGGCAGCA CCAAGATCGT CCAGCCAATC
201 AATATATCAG AGTGAATTCA GGGCAGAATA CGCAATTCAT HCAGNSGGGG
251 AGATATTCAG GCANTTCAGR TAAGCACCAG GCCACGRACA GTTGGCAGGM
301 GCAATTTCAA AWINMAGTCC CCAGRAATTC ACAGGSCACA GTTTANKGTT
351 ACAGAAGRAA AAACATGGCA AGGMACAGAT TTTCAGATAA GATACTTAAM
401 GTGGCAATAG

09933797.082204
102280.7628666

ugs186s.seq Length: 238 February 20, 1998 10:51 AM Check: 1387 ..

1 ACTAGTACGG CGCAGSWGTT GGAATTCAGA AATDACTACT GCGAAGGATA
51 TGTTCCAAGA CATTACCATA GAGACGTTGA AAGCACTTAC CGGATCCATT
101 GCAGTAAATC CTCAGTCAGG AGCAGGAGAR GCAGCCSTAA GAGAAAGCGT
151 AATAGACCCT GTGCAAGTCA TCAGTCGCAT TCGGTTATGA GTSGTTTGTT
201 TTAWATTTGG AATGGATTGA TTGTAAAGCT CTGAAAGG

09933797-086201

ugs194oft.seq Length: 391 February 20, 1998 10:50 AM Check: 2934 ..

1 GGAATTCGGG GSCTAAAGTC TGTCTACATT ACAGATGGGG CTGGACTGTA
51 CTCTGGTGT CTGGGGGATG TGGGWKAGAT GAGAAGVRGA AGGCAGCTTG
101 GCCTGTCCCA CCTATTCAAG TGCCTCCCTA AAGCAGGATN MGNAAGCTA
151 GGHMCCTAGC CAATAAGCAG AGCCTTTSGC TGAVGGAGAA AGTAGTCACC
201 CATGAGAAAT CCAACCACAA GTTTGTGCCA CAGGCAGGTG AATATGAGGT
251 CTCCCTGGGG TGTGGACTC CCTGGACTAA GAAAATTAAT ACNAAHHHHH
301 TGACACTGCA GTACCYCTAT GGAGAMVMC NTMTACAGTT TTAGTTTGGT
351 AGGGTATCAA GTCACNTGTA CCAATGTGAC CTGTTCAATC T

0993797.08204
102280.76788660

ugs194rs.seq Length: 490 February 20, 1998 10:51 AM Check: 7491 ..

1 GCAGCTATTV GBCATCTCGM CCTCMGCTWT GCSACMGCTT GGYMCSNRST
51 SGRKCCACTA GTAACGGNCG CCAGTGTGGG GHATTCCCCT TTGGGGYGT
101 TCTGAAGCTT GDTCTTCAWT CTTTACCCTG GVCTCAAATG NPTGVCTCCC
151 HTCMAATHAAC CTCTTTVCTT TNGTGTGGTG GNGAGTTCT CTTTCCCTT
201 TCCCTTTCTT ATGGCAGCCC CTACCTTGGC AACTCCACTC CACTCCACCA
251 GGTTTGTCTT CCCAGATAGC AGCTGGCAAG TTCTCCAAGG CTCAGGGTCC
301 TAAGGCTCAG TTTCAGTGT GGCAGTGTG TAGGACCAGC ATAATCTTAT
351 TCTTGTGGCC TCCACAACAC CACATCCCCT AGTGGTTCGT GCGCCCTTG
401 AAGCTCTCCA TAGAGCTKGT TGACACTGCC ACTYAGGGCC TATGTCCCTT
451 ARGGKTGCCA CTGTGGCAG CACGGTCAGT TTCTCGTTAA

095379.08204
102280.4673560